

# FILE NOTATIONS

Entered in NLD File ..... ✓  
Location Map Pinned .....  
and Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

all Completed ..... 7-7-78  
✓ ..... TA.....  
✓ ..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

## LOGS FILED

✓  
Log's Log..... ✓  
ic Logs (No.) .....  
..... I..... Dual I Lat..... GR-N..... Micro.....  
Sonic GR..... Lat..... MI-L..... Sonic.....  
-g..... CCLog..... Others.....



*CIG Exploration, Inc.*

*A Subsidiary of Coastal States Gas Corporation*

2100 PRUDENTIAL PLAZA • P.O. BOX 749 • DENVER, COLORADO 80201 • (303) 572-1121

January 16, 1978



State of Utah  
Department of Natural Resources  
Division of Oil & Gas & Mining  
1588 West N. Temple  
Salt Lake City, Utah 84116

Gentlemen:

Re: CIGE 7-8-10-21  
Section 8-T10S-R21E  
Uintah County, Utah

Enclosed please find our Application to Drill the above-captioned well.

Plans to drill CIGE 7-25-9-20 (Section 25-T9S-R20E) have been terminated. Please cancel without prejudice our Application to Drill Permit 43-047-30337.

Very truly yours,

*Margaret J. Dominy*  
Margaret J. Dominy  
Associate Production Analyst

MJD/pab  
Enclosures  
xc: Mr. J. A. Short

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONES ☐

## 2. NAME OF OPERATOR

CIG EXPLORATION, INC.

## 3. ADDRESS OF OPERATOR

P. O. Box 749 - DENVER, COLORADO 80201

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.)

1434' FEL & 805' FNL, SECTION 8, T10S, R21E  
At proposed prod. zoneSAME AS ABOVE *re new*

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

APPROXIMATELY 11 MILES SE OF OURAY, UTAH

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 805' FNL

## 16. NO. OF ACRES IN LEASE

2163.60

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2,500'

## 19. PROPOSED DEPTH

6550 *Wbs*

## 20. ROTARY OR CABLE TOOLS

ROTARY

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5095' UNGR. GR.

## 22. APPROX. DATE WORK WILL START\*

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 SX
7-7/8"	4-1/2"	11.6#	6,550'	AS REQUIRED TO COVER PAY ZONE

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION

- 10-Point Program
- BOP Program
- BOP Schematic
- Plat
- Surface Use Plan

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MININGDATE: *1-18-78*BY: *C.B. Light*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

*Frank R. Midkiff*  
Frank R. Midkiff

TITLE

District Superintendent

DATE 1-13-78

(This space for Federal or State office use)

PERMIT NO.

*43-047-30358*

APPROVAL DATE

APPROVED BY

TITLE

DATE

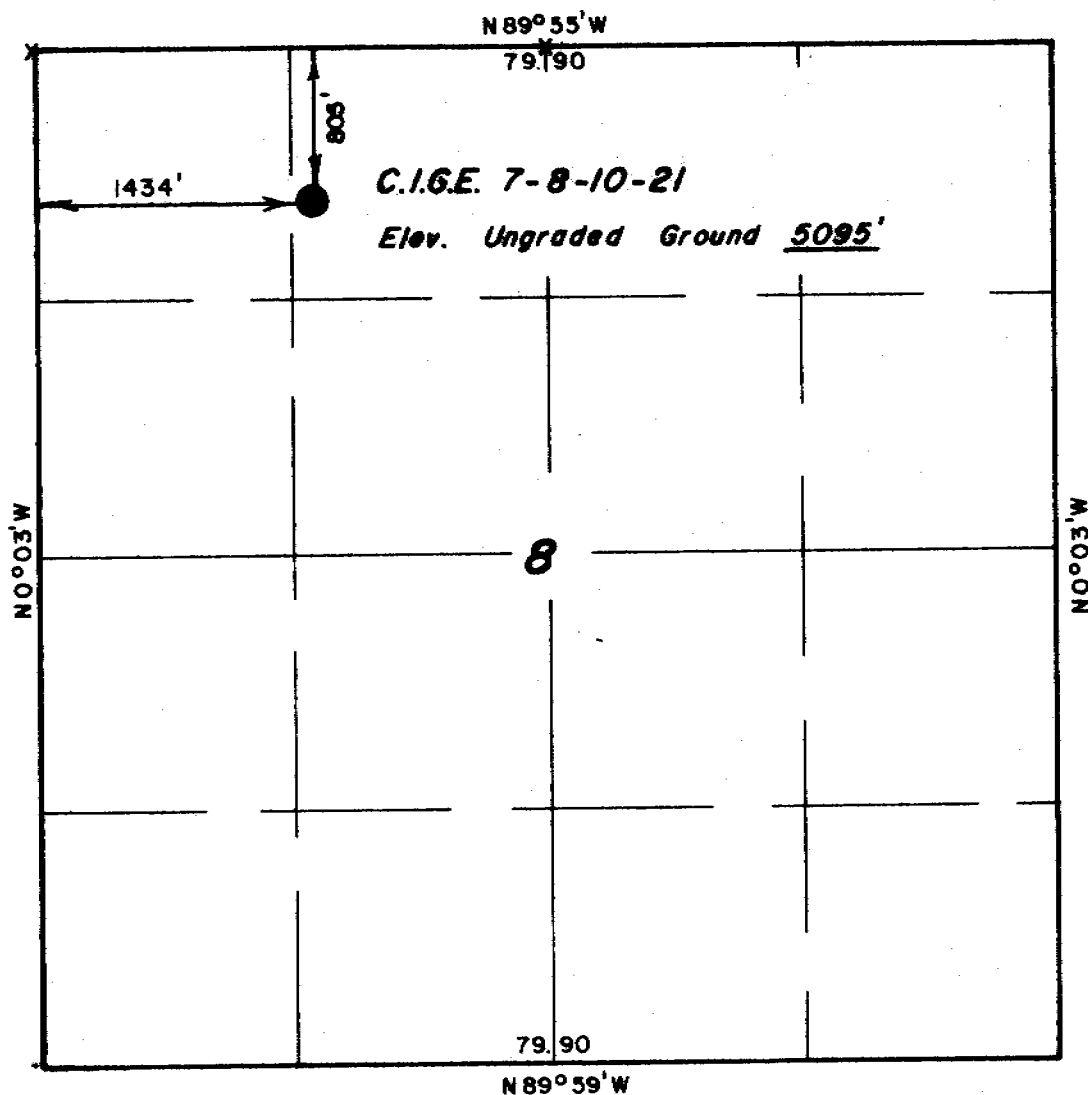
CONDITIONS OF APPROVAL, IF ANY:

**T10S, R21E, S.L.B.&M.**

PROJECT

C I G E

Well location, *C.I.G.E. 7-8-10-21*,  
located as shown in the NE 1/4 NW 1/4,  
Section 8, T10S R21E, S.L.B.&M.,  
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1/10/78
PARTY	LDT BR	REFERENCES	GLO PLAT
WEATHER	Cloudy Cool	FILE	CIGE

X = Section Corners Location.

10-POINT PROGRAM

1. Geologic name of surface formation:

Uinta Formation

2. The estimated tops of important geologic markers:

Green River 1,375'  
Wasatch 4,650' + 450'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

4650' + 450' - Gas

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" at 200'	36#, K-55, ST&C New
4-1/2" at 6550'	11.6#, N-80, LT&C New

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

6. Continued --

The well will be drilled with fresh water from surface to \_\_\_\_\_ with a weight of \_\_\_\_\_ to \_\_\_\_\_. From \_\_\_\_\_ to \_\_\_\_\_ the well will be drilled with \_\_\_\_\_ with a weight from \_\_\_\_\_ to \_\_\_\_\_. Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned

Cores are expected to be cut. Intervals will be picked by the wellsite geologist in order to optimize the coring process

Logs: DLL  
GR-Sonic  
GR-FDC/CNL

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

No abnormal pressures or temperatures expected

No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

Starting Date: February 20, 1978

Duration: March 13, 1978

CIGE 7-8-10-21  
SECTION 8, T10S-R21E  
UINTAH COUNTY, UTAH

BLOWOUT PREVENTER PROGRAM:

Operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency.

Bottom:

3000# BOP W/4-1/2" pipe rams  
3000# BOP W/blind rams  
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line, to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

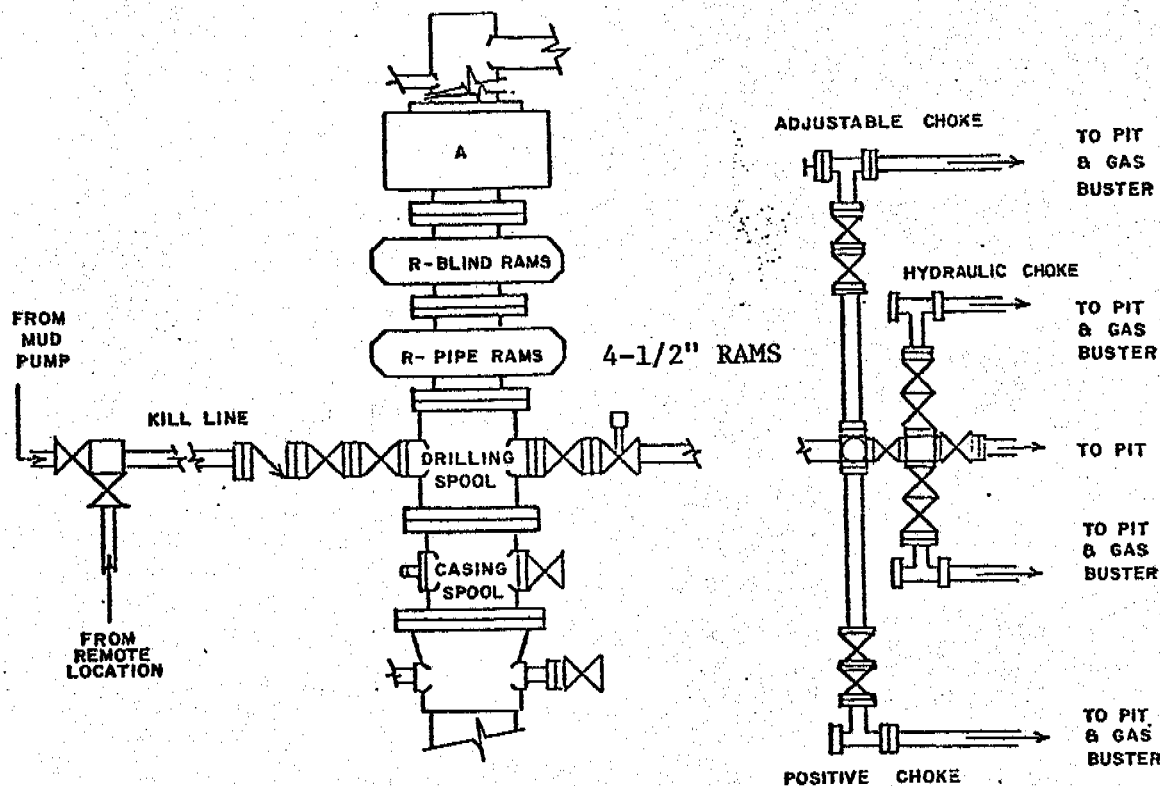
The well will be drilled with fresh water mud from surface to 5,000' with a weight of 8.5 to 8.9 ppg. From 5,000' to total depth the well will be drilled with fresh water mud with a weight from 8.7 to 10.4 ppg.

Auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub with a full opening valve will be available on the floor to stab into the drill pipe when the kelly is not in the string.

3000 psi

psi Working Pressure BOP's



#### Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand pipe valve
  - e) lines to mud pump
  - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.



C.I.G. EXPLORATION INC.

13 Point Surface Use Plan

for

Well Location

CIGE No. 7-8-10-21

Located In

Section 8, T10S, R21E, S.L.B. & M.

Uintah County, Utah

1. EXISTING ROADS

See attached Topographic Map "A".

To reach CIG Exploration Inc., well location CIGE #7-8-10-21 located in the NE 1/4 NW 1/4 Section 8, T10S, R21E, S.L.B.M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South on Utah State Highway 88, 10 miles to Ouray, Utah; proceed on South along a County road 7.10 miles to the junction of this road and an Oil Field road to the East; proceed Southeasterly along this road 3.87 miles to the junction of this road and an existing Oil Field road to the South; proceed Southerly along this road 1.7 miles to the junction of this road and an existing unimproved jeep trail; proceed Southerly along this jeep trail about 1000' to the junction of this road and the proposed access road to be discussed in Item #2.

The last 1000' of the above described road will need to be upgraded to meet the requirements in Item #2.

There is no construction anticipated on any of the above described road except for the last 1000' as mentioned in the previous paragraph.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the NW 1/4 NW 1/4 Section 8, T10S, R21E, S.L.B.M. and proceeds in the Easterly direction about 800' to the CIGE 7-8-10-21 in the NE 1/4 NW 1/4 said Section 8.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposed every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 100' in width and will be tapered from the shoulder of the road for a distance of 50' in length and at both the access and the outlet ends.

2. PLANNED ACCESS ROAD - continued

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain this road traverses is generally flat, extending in a North-easterly direction and is vegetated with sparse amounts of sagebrush, rabbit brush, grasses and cacti.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location. (See Topographic Map "B".) For exact location of this well in Section 8, T10S, R21E, S.L.B.M., see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other CIG Exploration batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines with a one-mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

<sup>656</sup>  
This areas will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from a private source.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The proposed CIGE gas flowline will be an 18' right-of-way which will run in a Southeasterly direction 3900.0' to an existing gas flow line at Belco Petroleum well location Natural Buttes 13-8B, located in the NE 1/4 SW 1/4 Section 8, T10S, R21E, S.L.B.M. (See Topographic Map "B".)

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production if this well will be hauled by truck from an existing loading ramp at the White River, South of Ouray, Utah, on the roads described in Items 1 and 2, 11.84 miles to the proposed location site in the NE 1/4 NW 1/4 Section 8, T10S, R21E, S.L.B.M.

In the event that the above source is not used, the water will be hauled by truck from either an existing water well at Uintah #1, in the SE 1/4 NE 1/4 Section 16, T10S, R21E, S.L.B.M. 13.26 road miles to the Southeast of the proposed location or from the White River at the point where it is crossed by the Mountain Fuel Bridge in Section 17, T9S, R22E, S.L.B.M., 10.18 road miles to the Northeast of the proposed location.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth on all four sides with net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoils spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A".)

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely heavy rain falls which are very rare as the normal annual precipitation is only 8".

All the drainages in the immediate area are of a non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces). It consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) type soil, with outcrops of solid rock (sandstone).

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, it consists of, as primary flora, areas of sagebrush, rabbit brush, some grasses, and cacti, and large areas of bare soils devoid of any growth.

The fauna of the area is sparse and consists predominately of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents.

The birds of the area are raptors, finches ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purposed of grazing domestic livestock.

11. OTHER INFORMATION - continued

The Topography of the Immediate Area (See Topographic Map "B".)

C.I.G.E. 7-8-10-21 location sits on a generally flat area, which slopes to the Northeast into Cottonwood Wash approximately 2000' Northeasterly of the proposed location site. Cottonwood wash is a non-perennial stream which drains into the annually flowing White River to the North.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the Southwest through the location to the Northeast at approximately a 3% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Frank R. Midkiff  
CIG Exploration Inc.  
P.O. Box 749  
Denver, Colorado 80201

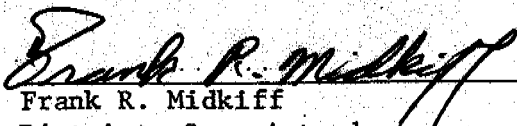
TELE: 303-572-1121

13. CERTIFICATION

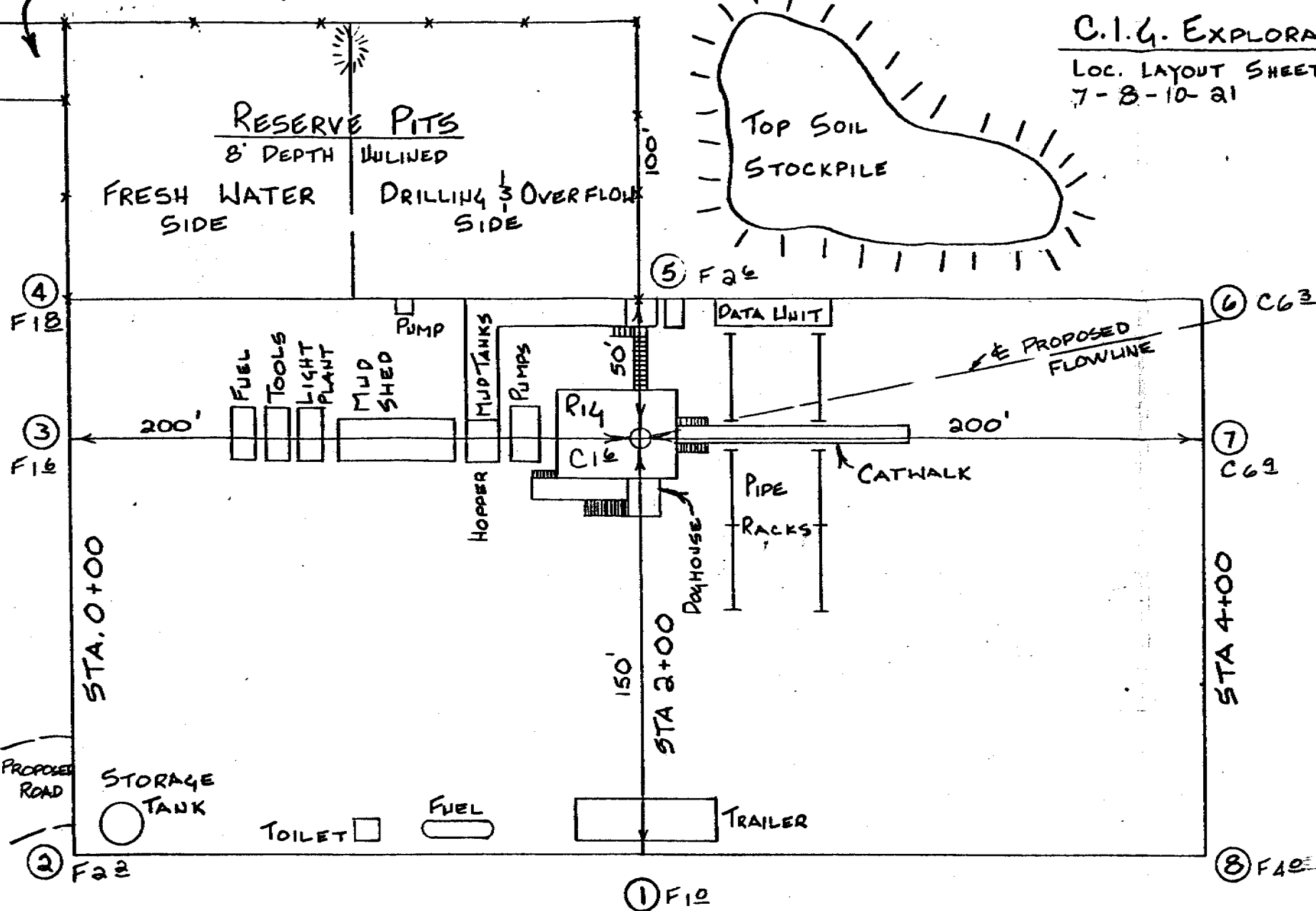
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by CIG Exploration Inc., and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

1-13-78

  
Frank R. Midkiff  
District Superintendent

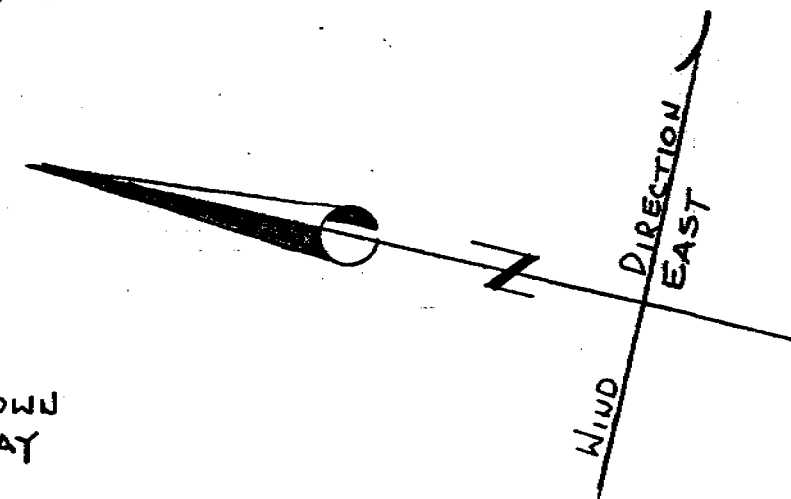
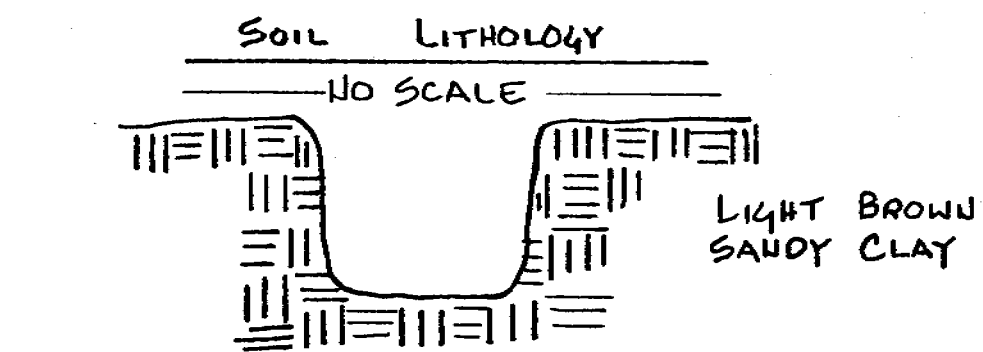
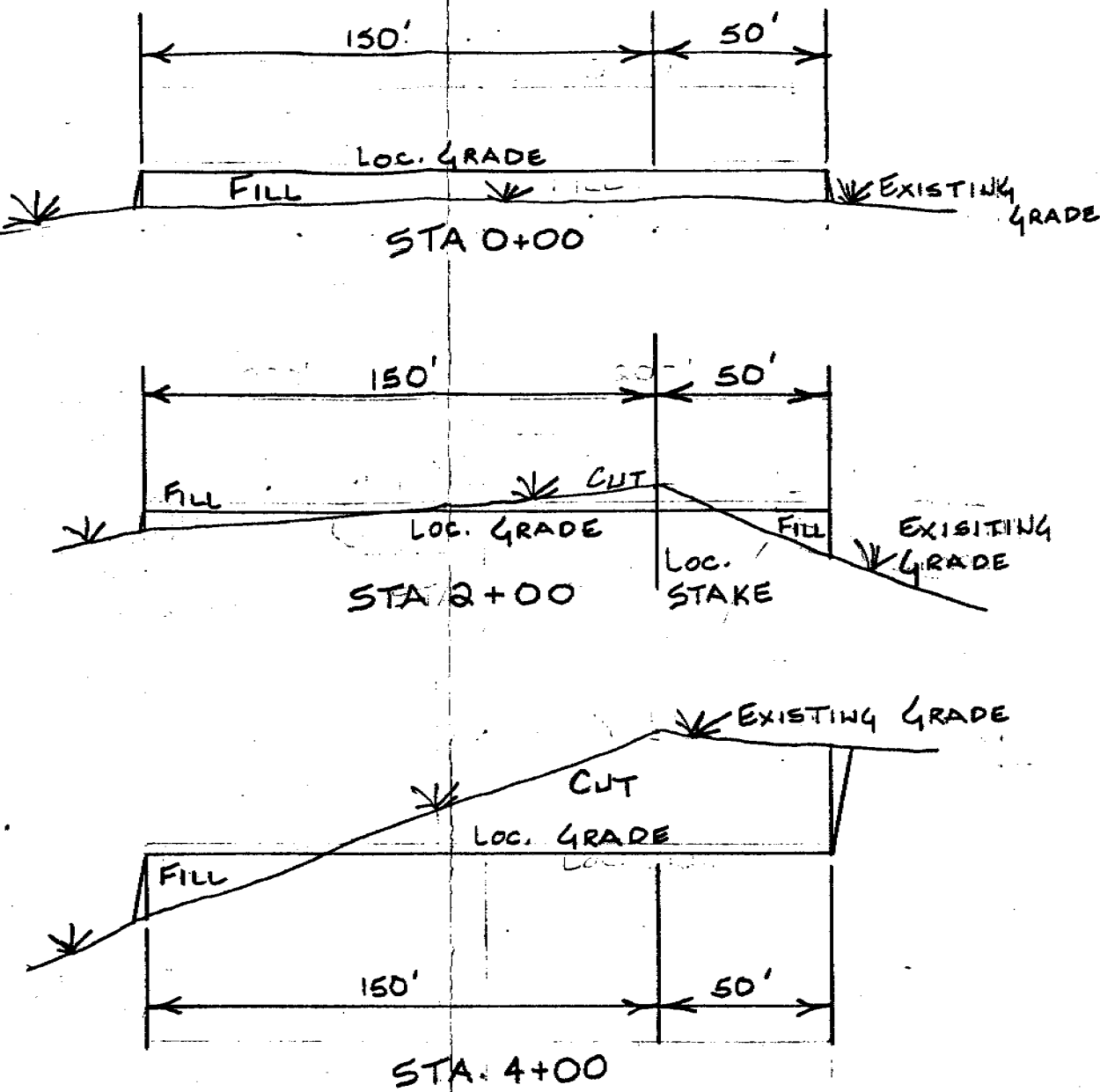
25' X 25' TRASH & BURN PIT - TO BE FENCED



C.I.G. EXPLORATION, INC.

LOC. LAYOUT SHEET  
7-8-10-21

SECTION - TOP OF UNOBC

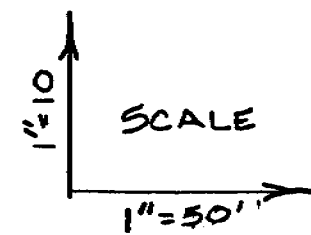


SCALE 1" = 50'

APPROX. YARDAGES

CUT 3169	Cu Yds
FILL 2363	Cu Yds.

ALL SLOPES 1:1



# C. I. G. EXPLORATION

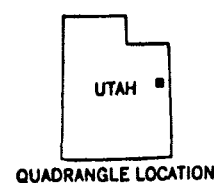
C.I.G.E. No 7-B-10-21



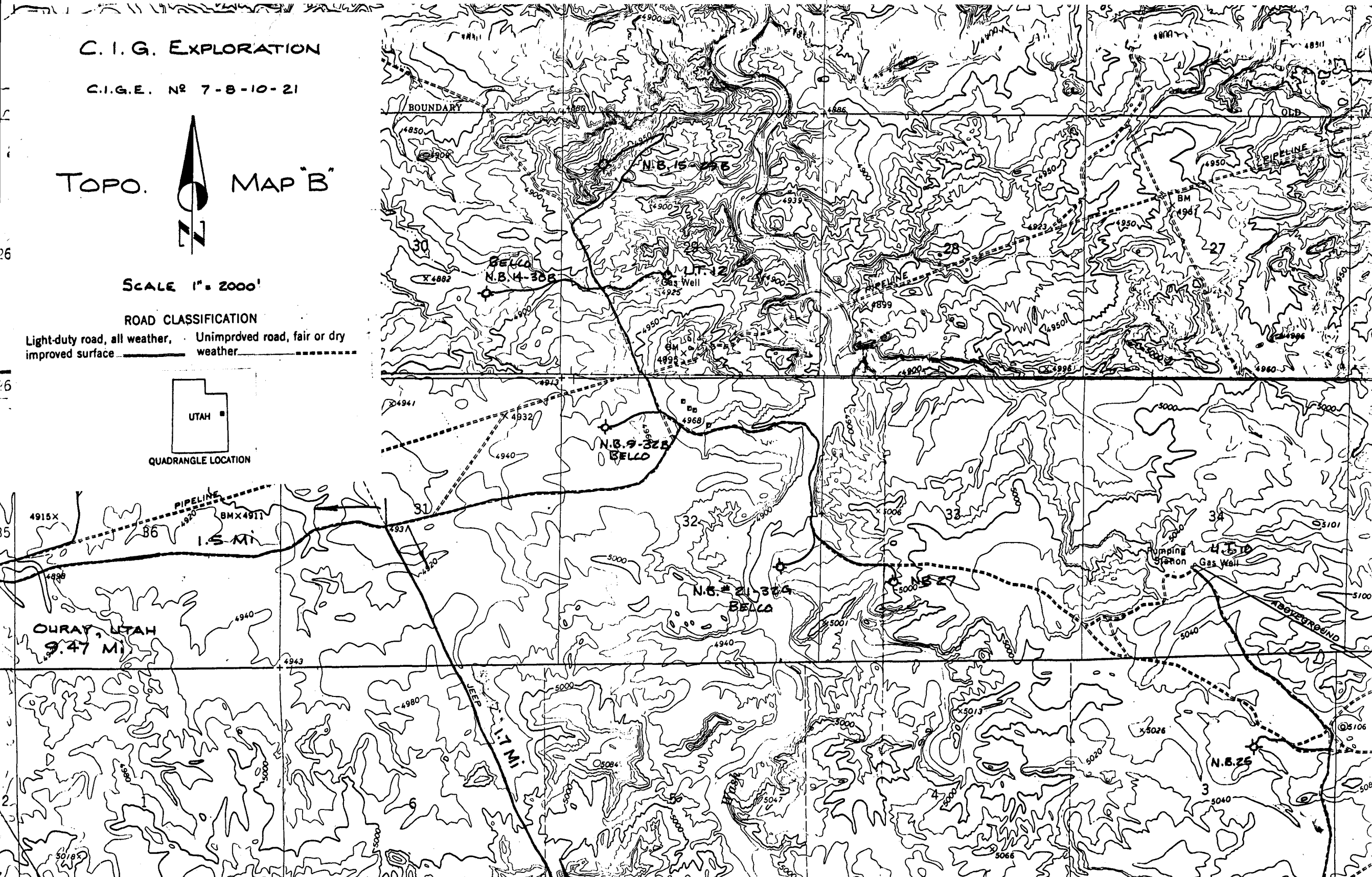
SCALE 1" = 2000'

## ROAD CLASSIFICATION

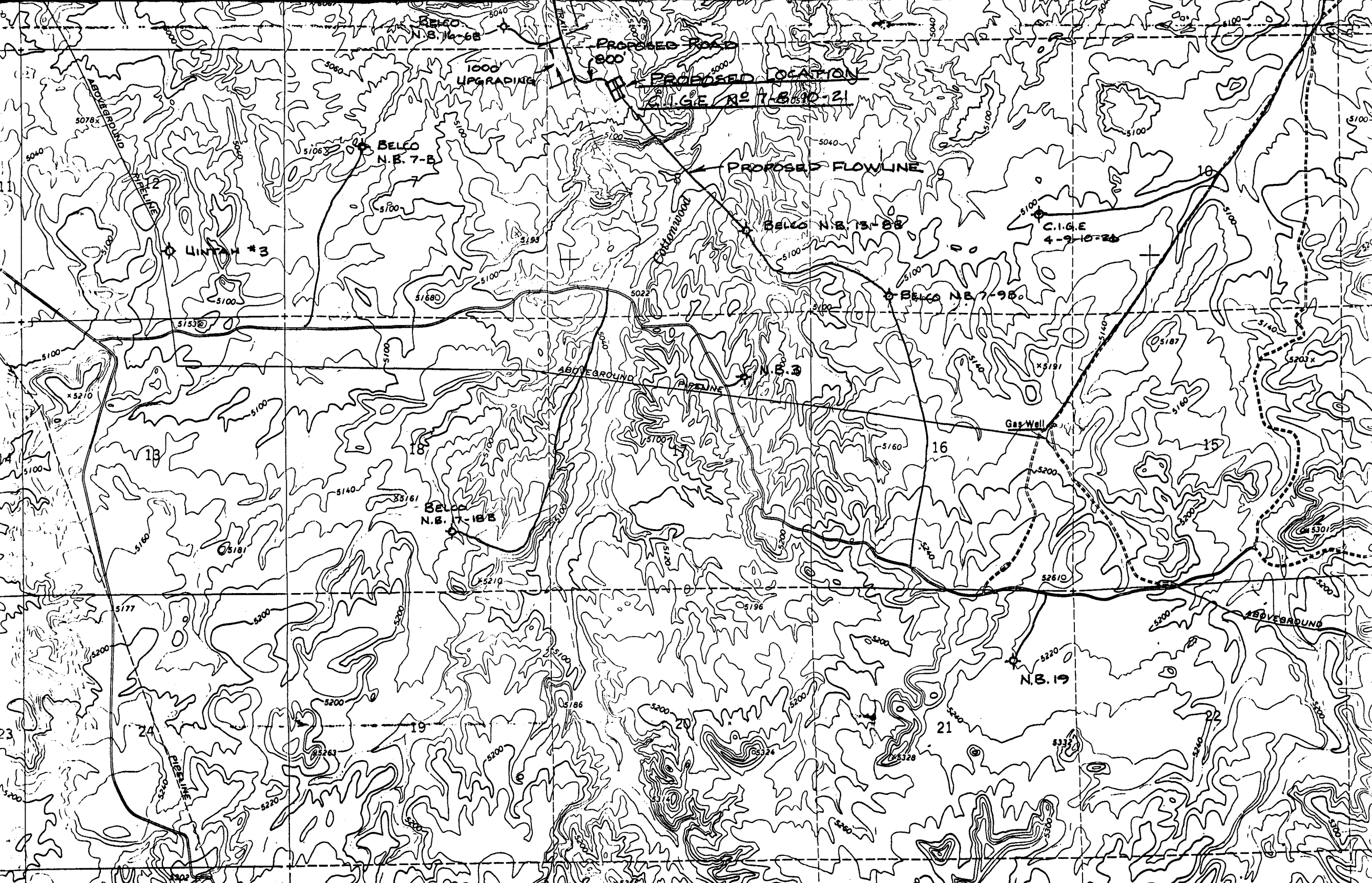
Light-duty road, all weather, improved surface ————  
Unimproved road, fair or dry weather - - - - -



QUADRANGLE LOCATION







TOPO. MAP 'A'

SCALE 1" = 4 M.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Jan. 18-  
Operator: CG Exploration  
Well No: Natural Butte Unit 7-8-10-21  
Location: Sec. 8 T. 10S R. 21E County: Uintah

File Prepared: ☒  
Card Indexed: ☒

Entered on N.I.D.: ☒  
Completion Sheet: ☒

API NUMBER: 43-047-30358

CHECKED BY:

Administrative Assistant [Signature]

Remarks: OK

Petroleum Engineer OK

Remarks: 7

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK

Survey Plat Required: ☐

Order No. ☐

Surface Casing Change ☐  
to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In Nat. Butte Unit ☒

Other:

☒ Letter Written/Approved

LEASE U-01791DATE 30 Jan 25, 78WELL NO. CIGE 7-8-10-21LOCATION: NE 1/4 NE 1/4, SEC. 8, T. 10S, R. 21EFIELD Bitter Creek field COUNTY Utah STATE utENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-BI. PROPOSED ACTIONCIG Explorations, Inc  
(COMPANY)

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 6550 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 200 FT. X 400 FT. AND A RESERVE PIT 100 FT. X 200 FT.

3) TO CONSTRUCT 18 FT. WIDE X 800' ~~MILES~~ ACCESS ROAD AND UPGRADE 18FT. WIDE X 1000' ~~MILES~~ ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT☒ GAS ☐ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PADAND ☐ TRUCK ☒ TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN SE 1/4SECTION 8, T. 10S, R. 21E2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY: ☒ ROLLING HILLS ☒ DISSECTED TOPOGRAPHY ☐ DESERT  
OR PLAINS ☐ STEEP CANYON SIDES ☐ NARROW CANYON FLOORS ☐ DEEP DRAINAGE  
IN AREA ☐ SURFACE WATER Well loc on ridge top saddle pt. Cotton-  
wood wash drain toward N. Well site is on side drainage

of this major wash. Very rocky outcrops. Well site to be  
built on two levels, site on one level, RESERVE PITS on Lower level-

(2) VEGETATION: ☒ SAGEBRUSH ☐ PINION-JUNIPER ☐ PINE/FIR ☐ FARMLAND  
(CULTIVATED) ☒ NATIVE GRASSES ☐ OTHER \_\_\_\_\_

(3) WILDLIFE: ☒ DEER ☐ ANTELOPE ☐ ELK ☐ BEAR ☒ SMALL  
MAMMAL ☒ BIRDS ☐ <sup>NONE KNOWN</sup> ENDANGERED SPECIES ☐ OTHER \_\_\_\_\_

(4) LAND USE: ☒ RECREATION ☒ LIVESTOCK GRAZING ☐ AGRICULTURE  
☐ MINING ☐ INDUSTRIAL ☐ RESIDENTIAL ☒ OIL & GAS OPERATIONS

Several oil & gas operations nearby -

REF: BLM UMBRELLA EAR  
USFS EAR  
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY,

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE,

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE,

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK,

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM,

6) USE OF RESERVE PIT CIRCULATION SYSTEM will mitigate surface disturbance as less cuts and fills required. P.T will be on area that is nearly level approx 10-12' below level of pad.

Alternate Loc. was staked by operator. This alternate would require extensive dirt work and Blasting. This alternate was the geologist's pick from office, the proposed Loc. was staked ~~for~~ after operators appraisal of dirt work for alternate.

A Flow line alternate route was ~~suggested~~ suggested by BLM but no alternate on lease seems any better than proposed.

Pipeline to be constructed by dragging 2000' sections of pipe over ground with D-4 cat. No grading - Traffic over rt of way by welding truck and cat.

Pad change requested by operator. hole to stake<sup>#</sup> on plat to be 35' rather than 50' due to rig equipment.

RECEIVED

1961/12/17

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED \_\_\_\_\_ TO AVOID \_\_\_\_\_  
☐ LARGE SIDEHILL CUTS ☐ NATURAL DRAINAGE ☐ OTHER \_\_\_\_\_

No Blading of Surface for flow line -

4) Cultural Clearance required - 12" snow on ground at onsite.  
(Refer to Book Page 2)

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

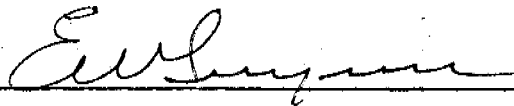
6)

6. DETERMINATION:

(THIS REQUESTED ACTION DOES (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 1/25/78

INSPECTOR J. EVANS

  
U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATION  
SALT LAKE CITY DISTRICT

FROM: District Geologist, Salt Lake City, Utah

TO: District Engineer, Salt Lake City, Utah

SUBJECT: ADP supplemental stipulations

Operator: UG Explor. Inc. Well: 7-8-10-21

UINTAH Co., UTAH

Lease No. U-01791

NW 1/4 NE 1/4 sec. 8

T. 10S, R. 21E

1. Operator picked tops are adequate? Yes X, No \_\_\_\_\_. If not: The following are estimated tops of important geologic markers:

Formation	Depth

Formation	Depth

2. Possible fresh water aquifers present below surface casing? Yes X, No \_\_\_\_\_. If yes: Surface casing program may require adjustment for protection of fresh water aquifers to a depth of approximately 1700 feet in the UINTAH Formation.

3. Does operator note all prospectively valuable oil and gas horizons? Yes X, No \_\_\_\_\_. If not: The following additional horizons will be adequately logged for hydrocarbons:

Unit	Depth

Unit	Depth

4. Any other leasable minerals present? Yes \_\_\_\_, No \_\_\_\_\_. If yes: 1. Logs ( SONIC \*) will be run through the MANOGANY-GREEN RIVER \*\* at approximate depths of 2100 to 3400 feet to adequately locate and identify anticipated \_\_\_\_\_ beds. 2. Logs ( \_\_\_\_\_ \*) will be run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds. 3. Logs ( \_\_\_\_\_ \*) will be run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds.

5. Any potential problems that should be brought to operators attention (e.g. abnormal temperature, pressure, incompetent beds, H<sub>2</sub>S)? Yes \_\_\_\_, No X. If yes, what?

6. References and remarks: With Bitter Creek KGS.

\* From 10 pt or others as necessary. \*\* Members, Formations.

Date: 1-26-78

Signed: lmp



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

CIGE 7-8-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SECTION 8-T10S-R21E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1434' FEL &amp; 805' FNL, SECTION 8-T10S-R21E

14. PERMIT NO.

STATE 43-047-30358

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

5095' UNGR. GR.

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐GAS PRODUCTION HOOKUP ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

1. PROPOSED GAS WELL HOOKUP

(A) TYPICAL WELLHEAD INSTALLATION

(B) TYPICAL CONNECTION TO MAIN LINES &amp; PIPE ANCHOR DETAIL

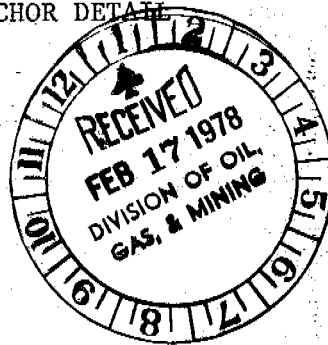
2. PROPOSED PIPELINE RIGHT-OF-WAY

3. STATEMENT FOR FLOW LINE PERMIT

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: Feb 17, 1978

BY: F. R. Midkiff



18. I hereby certify that the foregoing is true and correct

SIGNED

F. R. MIDKIFF

TITLE DISTRICT SUPERINTENDENT

DATE

2/15/78

(This space for Federal or State office use)

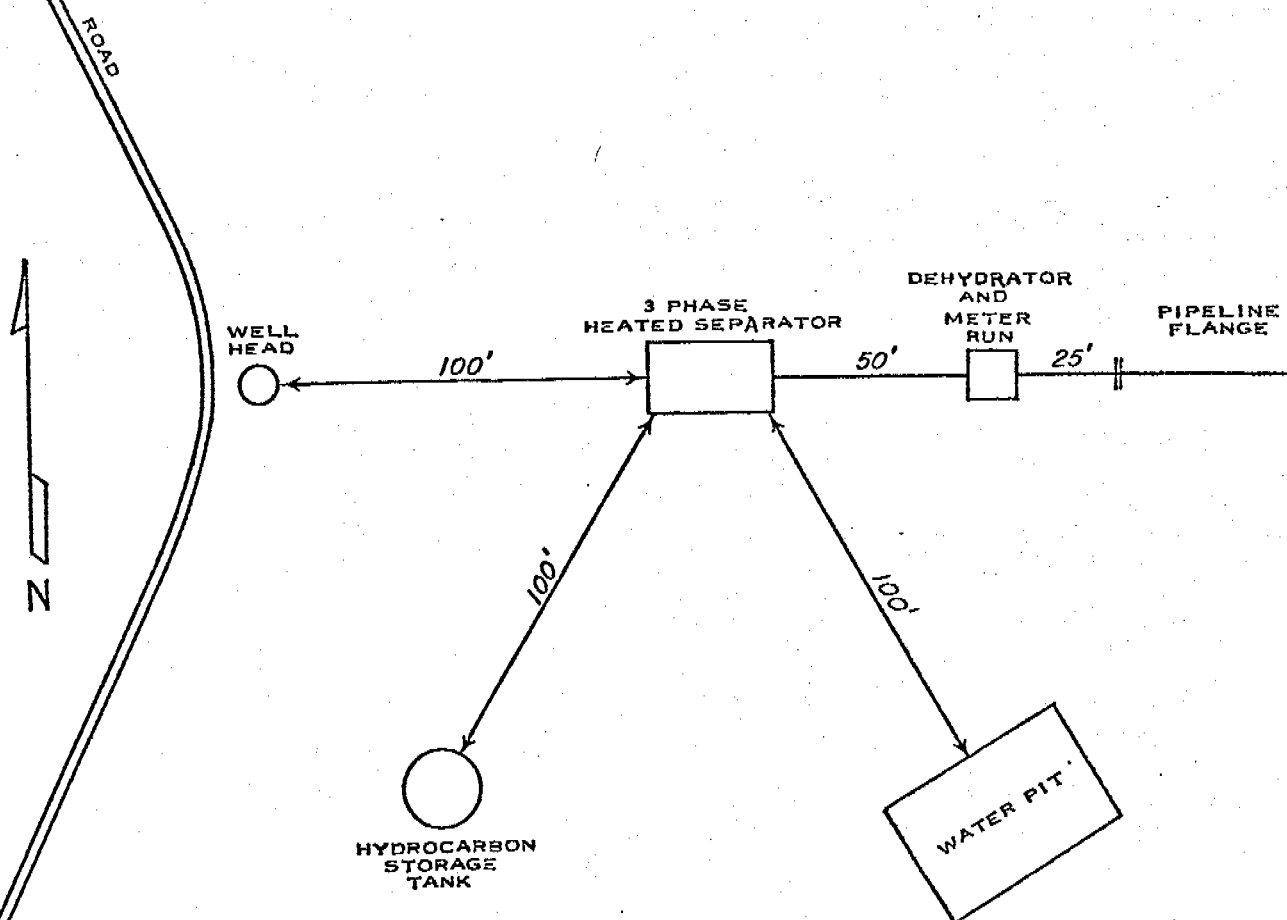
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PROPOSED GAS WELL HOOKUP  
CIGE 7-8-10-21 - NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH



GAS PRODUCING ENTERPRISES, INC.  
DENVER, COLORADO

# ESTIMATE SKETCH

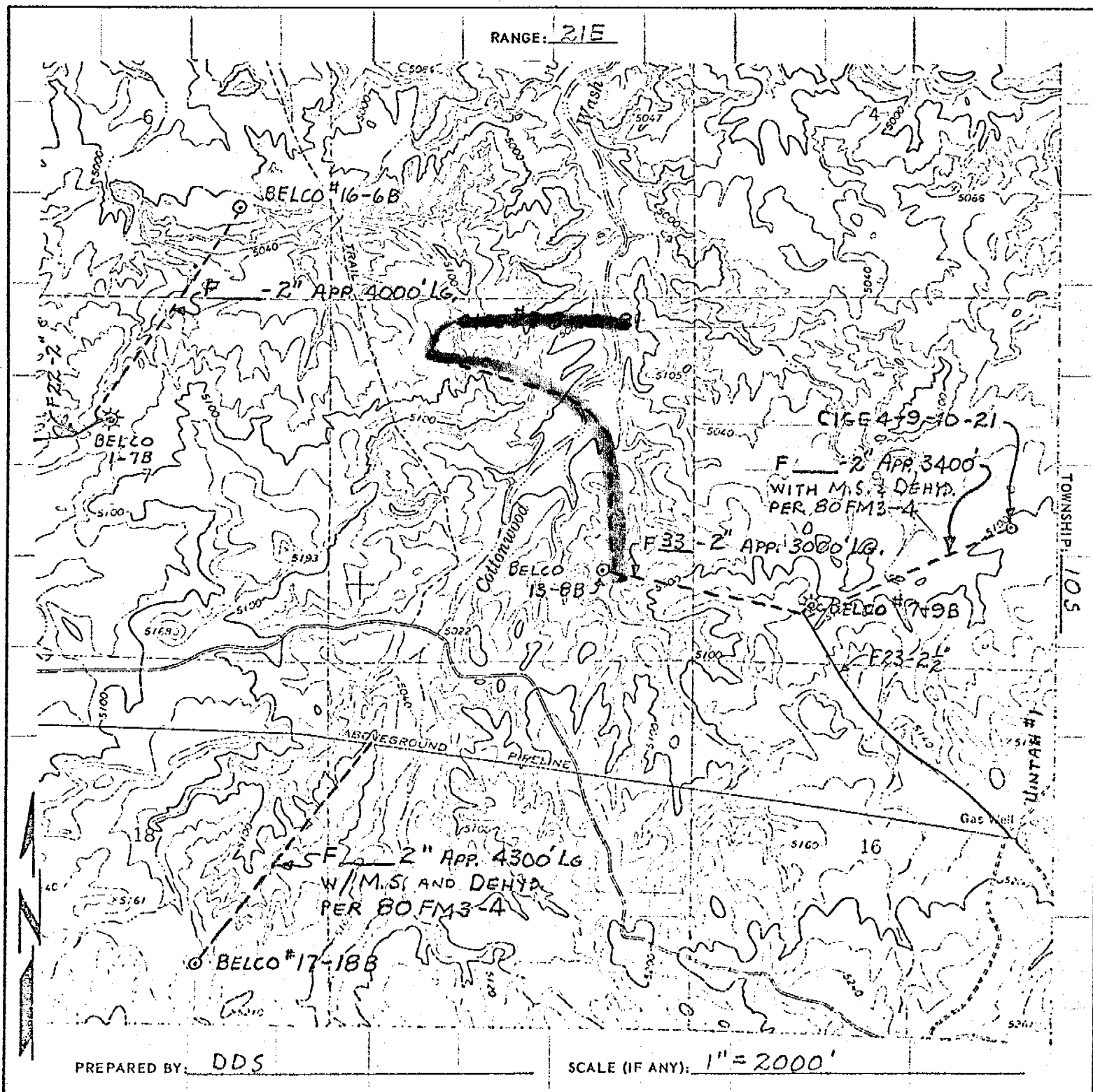
DATE: 18 AUG 77  
STARTING DATE: \_\_\_\_\_  
EST. COMP. DATE: \_\_\_\_\_  
☐ COMPANY ☐ CONTRACT

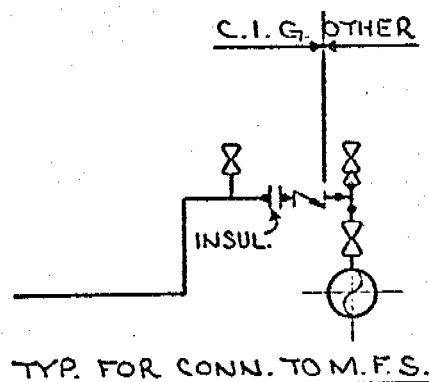
☒ COLORADO INTERSTATE GAS COMPANY  
☐ NORTHWEST PIPELINE CORPORATION

W. O. NO.: \_\_\_\_\_  
REVISION NO.: A 11/16/77  
BUDGET NO.: \_\_\_\_\_  
RELATED DWG.: 115FJ-13-1

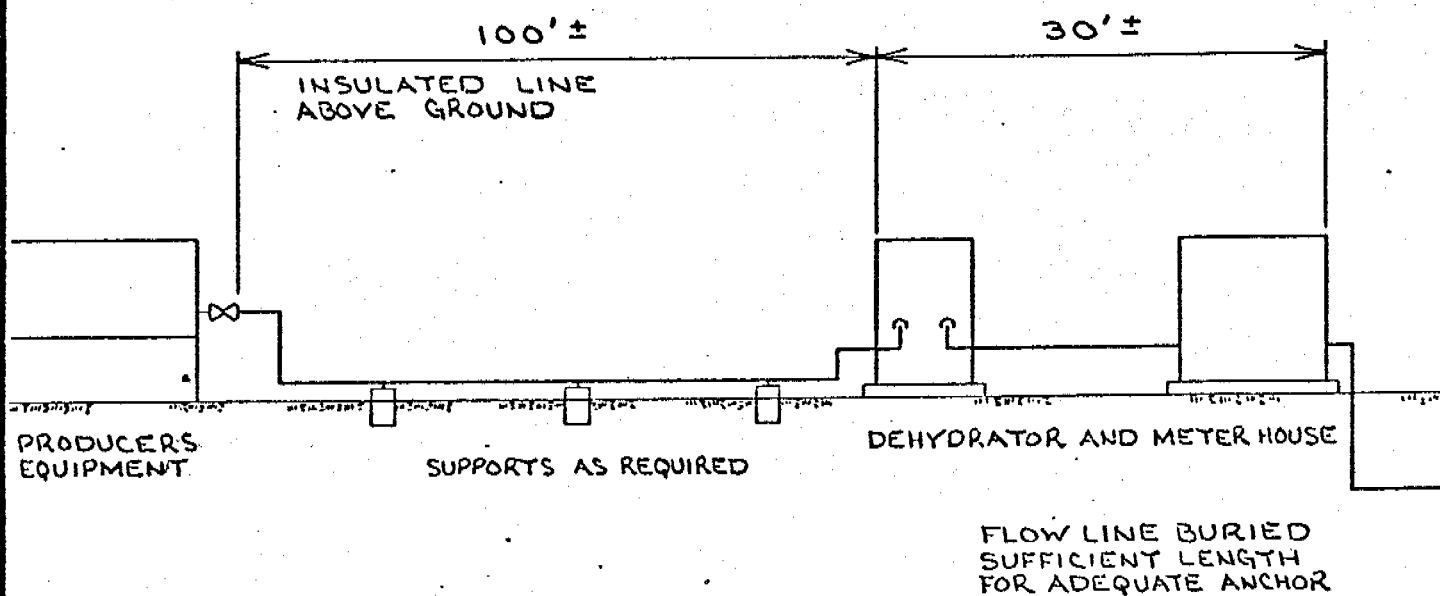
LOCATION: T10S, R21E NATURAL BUTTES FIELD COUNTY: UINTAH STATE: UTAH  
DESCRIPTION OF WORK: CONNECT BELCO UNIT #12-8B CONNECT CIGE 4-9-10-21 A  
CONNECT BELCO UNIT #16-6B  
CONNECT BELCO UNIT #17-18B

REQUESTED BY: GAS SUPPLY APPROXIMATE MILEAGE: — PROJECT ENGINEER: D.D. SERRILL





							Colorado Interstate Gas Co. COLORADO SPRINGS, COLORADO		
							TYPICAL CONNECTION TO MAIN LINES AND PIPE ANCHOR DETAIL - NATURAL BUTTES FIELD		
1 2385B REVISE STARTING POINT 8-22-77 RWP							JUNTA COUNTY, UTAH		
NO	C.O.NO.	DESCRIPTION	DATE	BY	CHK.	APP.	SCALE: NONE	DRAWN: RWP	APP: <i>AW</i>
REVISIONS							DATE: 7-7-77	CHECK: <i>AW</i>	C O 2385B



							Colorado Interstate Gas Co.		
							COLORADO SPRINGS, COLORADO		
							TYPICAL WELL HEAD INSTALLATION		
							NATURAL BUTTES FIELD		
							UINTAH COUNTY,		UTAH
NO.	C O NO.	DESCRIPTION	DATE	BY	CHK.	APPR.	SCALE: NONE	DRAWN: RWP	APP:
REVISIONS							DATE 7-18-77	CHECK:	C O 23958
							115FP-2 1/8		

January 24, 1978

Statement for permit to lay flow line, to be included with application for Drilling Permit -- CIGE #7-8-10-21.

NOTE: (Revised statement - This well was previously designated as CIGE #7-25-9-20).

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #7-8-10-21 in a southeasterly direction, connecting to a line (F33-2") from Belco unit #13-8B in the SE $\frac{1}{4}$  of Section 8, all in S8, T10S, R21E. The line will be approximately 5000' long as shown on the accompanying sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01791	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1434' FWL & 805' FNL, SECTION 8-T10S-R21E		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
14. PERMIT NO. STATE 43-047-30358		9. WELL NO. CIGE 7-8-10-21	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5095' UNGR. GR.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA SECTION 8-T10S-R21E	
		12. COUNTY OR PARISH UINTAH	13. STATE UTAH

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) CORRECTION ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐(Other) ☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

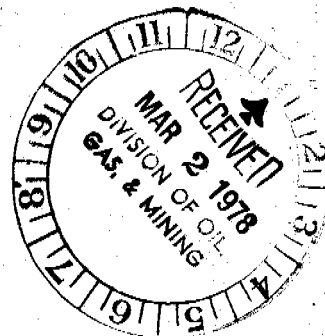
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PREVIOUS PAPERS FILED STATED LOCATION AS 1434' FEL. THIS SHOULD HAVE READ 1434' FWL.

PLEASE CHANGE YOUR RECORDS ACCORDINGLY.

THE LOCATION AS STATED IN #4 ABOVE IS CORRECT ACCORDING TO THE SURVEY.



18. I hereby certify that the foregoing is true and correct

SIGNED

F. R. MIDKIFF

TITLE DISTRICT SUPERINTENDENT

DATE FEBRUARY 28, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYFor approved.  
Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

U-81791 MINING

6. INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

CIGE 7-8-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec 8, T10S, R21E

12. COUNTY OR PARISH

13. STATE

UINTAH

UTAH

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. Box 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

1434' FNL &amp; 805' FNL, SECTION 8, T10S, R21E

At proposed prod. zone

SAME AS ABOVE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

APPROXIMATELY 11 MILES SE OF OURAY, UTAH

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any) 805' FNL

16. NO. OF ACRES IN LEASE

2163.60

17. NO. OF ACRES ASSIGNED

TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

2,500'

19. PROPOSED DEPTH

6550

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5095' UNGR. GR.

22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 SX
7-7/8"	4-1/2"	11.6#	6,550'	AS REQUIRED TO COVER PAY ZONE

SEE ATTACHED SUPPLEMENTS FOR ADDITIONAL INFORMATION

1. 10-Point Program
2. BOP Program
3. BOP Schematic
4. Plat
5. Surface Use Plan

## NOTICE OF APPROVAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Frank R. Midkiff

TITLE District Superintendent

DATE 1-13-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) E. W. Guynn

DISTRICT ENGINEER

APPROVED BY

TITLE

DATE

APR 05 1978

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
SUBJECT TO ROYALTY (NTL-4)

State O &amp; G



May 4, 1978

MEMO TO FILE

Re: Gas Producing Enterprises  
Natural Buttes 7-8-10-21  
Sec. 8, T. 10 S, R. 21 E,  
Uintah County, Utah

This Division was advised that the above well had been spudded-in on April 26, 1978, at 8:00 a.m.

The drilling contractor would be Anderson Drilling Company, utilizing their Rig no. 10.

SCHEREE WILCOX  
Administrative Assistant

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01791
2. NAME OF OPERATOR CIG EXPLORATION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1434' FWL & 805' FNL SECTION 8-T10S-R21E		8. FARM OR LEASE NAME NATURAL BUTTES UNIT
14. PERMIT NO. STATE: 43-047-30358		9. WELL NO. CIGE 7-8-10-21
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5095' UNGRADED GROUND		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 8-T10S-R21E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	SPUD <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	SPUD <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SPUDDER 8:00 AM 4-26-78, ALL WESTERN WELL SERVICE, NOW WORT

BOB HENRICH (USGS) AND SCHEREE WILCOX (STATE) NOTIFIED OF SPUD BY PHONE BY MAGGIE DOMINY.

18. I hereby certify that the foregoing is true and correct

SIGNED

*F.R. Midkiff*  
F.R. MIDKIFF

TITLE

DISTRICT SUPERINTENDENT

DATE

MAY 3, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

CLEON B. FEIGHT  
*Director*

August 31, 1978

Cig Exploration, Inc.  
P.O. Box 749  
Denver, Colorado 80201

RE: Well locations listed on  
attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

Well No. Cige 2-29-10-21(NBU)  
Sec. 29, T. 10S, R. 2.E  
Uintah County, Utah  
October 1977-July 1978

Well No. Natural Buttes Unit #23  
Sec. 7, T. 10S, R. 22E  
Uintah County, Utah  
December 1977-July 1978

Well No. Cige 3-16-9-21(NBU)  
Sec. 16, T. 9S, R. 21E  
Uintah County, Utah  
August 1977-July 1978

Well No. Cige 3-32-9-22(NBU)  
Sec. 32, T. 9S, R. 22E  
Uintah County, Utah  
December 1977-July 1978

Well No. Natural Buttes Unit #4  
Sec. 9, T.10S, R. 21E  
Uintah County, Utah  
February 1978-July 1978

Well No. Natural Buttes Unit 6-19-9-21  
Sec. 19, T. 9S, R. 21E  
Uintah County, Utah  
April 1978-July 1978

Well No. Natural Butees Unit 7-8-10-21  
Sec. 8, T. 10S, R. 21E  
Uintah County, Utah  
June 1978-July 1978

Well No. Natural Buttes Unit 9-36-9-22  
Sec. 36, T. 9S, R. 22E  
Uintah County, Utah  
June 1978-July 1978

Well No. Cige 21-15-10-22  
Sec. 15, T. 10S, R. 22E  
Uintah County, Utah  
April 1978-July 1978

Well No. Cige 10-2-10-22  
Sec. 15, T. 10S, R. 22E  
Uintah County, Utah  
June 1978-July 1978

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

9. WELL NO.

CIGE 7-8-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLE. AND  
SURVEY OR AREA

SECTION 8-T10S-R21E

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

1.

OIL ☐ WELL GAS ☒ WELL OTHER

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

1434' FWL &amp; 805' FNL, SECTION 8-T10S-R21E

14. PERMIT NO.

STATE 43-047-30358

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5095' UNGR. GR.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

SEE BELOW

(Other)

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

REPORT OF OPERATIONS MAY 1978 THROUGH JULY 1978

SEE ATTACHED

18. I hereby certify that the foregoing is true and correct

SIGNED

F.R. Midkiff

TITLE

District Superintendent

DATE

September 21, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

CIGE 7-8-10-21 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19403 WI: 100%

ATD: 6350' SD: 4-26-78

CIGE, Inc., Oper.

Anderson Drilling, Contr.

9-5/8" @ 217' KB; 4 1/2" @  
6399'

Perfs: 4821'-6191'

(25 shots)

TD: 6400'

7-14-78

Flowing to pit.

FCP 1550#, on 16/64" ck.

Est 300 MCFD w/150 BWPD.

7-15-78

Flowing to pit.

FCP 1500#, on 16/64" ck.

500 MCFD est, 150 BWPD.

7-16-78

Flowing to pit.

FCP 1500#, on 16/64" ck.

500 MCFD est, 150 BWPD.

7-17-78

Flowing to pit.

FCP 1500#, on 16/64" ck.

500 MCFD est, 150 BWPD (frac fluid).

1500 bbls rec to date.

7-18-78

FCP 1500#, on 16/64" ck.

500 MCFD, 100 BWPD.

7-19-78

Well SI - WO pipeline.

Flowing to pit on 16/64" ck.

FCP 1500#. Est 500 MCFD w/fine

mist. Well SI @ 2 PM, 7-18-78.

Transfer to back page.

CIGE 7-8-10-21 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19403 WI: 100%

ATD: 6350' SD: 4-26-78

CIGE, Inc., Oper.

Anderson Drilling, Contr.

9-5/8" @ 217' KB;

TD: 6400'

6-3-78

WOC

TD: 6400'

6-4-78

WOC

TD: 6400'

6-5-78

WOC

Transfer to back page.

TD: 6400'

6-19-78

Last report was 6-5-78.

SI WOC.

RU Schl &amp; run GR-CBL, 6300-100'. Good bond.

Ran 6-16-78. Transfer to back page - WOC.

TD: 6400'

7-8-78

Last report was 6-19-78.

Open to pit on 32/64" ck.

RU Howco. Press test csg to 6500 psi. RU GOI &amp; perf

4 1/2" csg w/3-1/8" csg gun a total of 25 holes as

follows: 1 SPF 4821', 4823', 4832', 4837', 4840', 4845', 4879', 4882', 4891', 5893', 4910', 4922', 4927', 5085', 5091', 5257', 5262', 5363', 5370', 5588', 5597', 5748', 5750', 5780', 6191'.

NU Howco &amp; acidize dwn 4 1/2" csg w/5000 gals 7 1/2% HCl w/Ad-mix &amp; 66 RCN ball sealers. Balled out @ 6100 psi. Avg trtg rate 7.2

BPM @ 3250#. ISIP 3240#, 5 min 2300#. Five good brks. Prep to

RU Howco &amp; frac 7-10-78.

7-9-78 Flowing to pit.

FCP 50 psi, on 16/64" ck. Est 100 MCFD w/5 BWPD.

RU Howco - prep to frac 7-10-78.

7-10-78 Prep to frac.

FCP 50#, to pit, on 16/64" ck.

150 MCFD, 7 BW.

TD: 6400'

7-11-78

Prep to flow to pit.

RU Howco &amp; fraced Wasatch perms @ 4821'-6191'

(25 holes) down 4-1/2" csg w/120,000 gals MY-T-Gel III w/3% KCl and 40# & 50# guar/1000 gal w/50,000# mesh snd, 60,000# 40/60 mesh snd, & 140,000# 20/40 mesh snd as per design. Increased guar from 40#/1000 to 50#/1000 on step "G" w/2ppg 40/60 mesh snd. Started job @ 8:25 am, 7-10-78; finished job @ 9:24 am, 7-10-78. Avg rate 61.2 BPM @ 4950 psi. ISIP 2400 psi, 5 min SIP 2280#, 10 min 2250#. Well SI; prep to open to pit.

NOTE: Step "G" w/2 ppg 40/60 mesh snd & 40#/1000 guar - rate decreased to 47 BPM @ 6000 psi. Increased guar to 50#/1000 & rate increased to 62 BPM @ 4750 psi. Finished job w/3 ppg & 4 ppg 20/40 mesh snd w/50#/1000 guar.

TD: 6400' Flowing to pit.

7-12-78

FCP 500 psi, on 16/64" ck. Flowing est 300 - 400 BWPD w/gas - TSTM. Est total wtr rec 900 bbls.

TD: 6400'

7-13-78

Flowing to pit.

FCP 450 psi, on 16/64" ck.

400 BWPD w/10 MCFD.

CIGE 7-8-10-21 (NBU)

Bitter Creek Field

Uintah County, Utah

AFE: 19403 WI: 100%

ATD: 6350' SD: 4-26-78

CIGE, Inc., Oper.

Anderson Drilling, Contr. 5-26-78

9-5/8" @ 217' KB;

TD: 5637'

Drlg (177' - 24 hrs).

Drlg; Drlg brks, 5581-95', 7½ - 1½ mpf, 25 - 350 un; 5602-20', 10 - 3 mpf, 20 - 100 un; BGG 22 un, Conn gas 38; Drlg solids 2.

MW 9.8#, 40 secs, 8 cc.

TD: 5724'

5-27-78

Drlg (87' - 16-3/4 hrs).

Drlg; Bit trip; Rig repair - light plant; Check BOP.

MW 9.6#, 40 secs, 9 cc.

TD: 5909'

5-28-78

Drlg (185' - 23-3/4 hrs).

Drlg; Rig service; Drlg brk, 5730-52', 18 - 2 mpf, 15 - 350 un; 5770-82', 7 - 1½ mpf, 12 - 250 un.

MW 9.7#, 37 secs, 9.0 cc.

TD: 6095'

5-29-78

Drlg (186' - 23½ hrs).

Drlg; Rig service; Repair light plant; BGG 30 un; Conn gas 54 un.

MW 9.7#, 40 secs, 9 cc.

TD: 6255'

5-30-78

Drlg (160' - 23-3/4 hrs).

Drlg; Rig service; BGG 30 un, Conn gas 100 un.

MW 9.9#, 41 secs, 8 cc.

TD: 6360'

5-31-78

Logging (105' - 16-1/4 hrs).

Drlg; 10 stds short trip; Circ &amp; cond mud; Trip out for logs; Survey (1½° @ 6360'); Rig service; RU &amp; log; BGG 30 un, Conn gas 60 un.

MW 10#, 45 secs, 8 cc.

TD: 6400'

6-1-78

Circ &amp; cond mud - prep to run csg. (40' - 6½ hrs).

Logged w/Dresser @ 6360'; Ran CNL-FDC &amp; DIL logs from 6360' to 217'; Finished logging @ 3 PM; TIH w/bit; Drlg additional hole from 6360' to 6400'; Circ &amp; cond mud; 10 std short trip; Circ &amp; cond mud; Released Mud logger @ 7 AM.

MW 10#, 45 secs, 8 cc.

TD: 6400'

6-2-78

Clean mud pits.

LD DP &amp; DC; RU &amp; run 201 jts 4½", 11.60#, N-80, R-2, 8rd, LT&amp;C csg; Ran flapper type shoe &amp; float valve w/13 centralizers; FC @ 6372', FS @ 6399'; Circ &amp; cond mud; Cmt w/112 sx 50-50 Pozmix w/8% gel + 10% salt, 10#/sx Gilsonite, 741 sx RFC w/10-12% RF, 0.1% D-74 retarder + 5#/sx Gilsonite; Displaced w/78 bbls 2% KCl; Set slips &amp; cut csg &amp; ND; Bumped plug w/3000#; PD @ 12:30 AM; Lost returns w/30 bbls to go on displacement - cmt didn't circ; Clean mud pits; Will release rig @ 12 Noon, 6-2-78; Wtr truck released @ 7 AM, 6-2-78.

MW 9.8#, 45 secs.



CIGE #7-8-10-21 (NBU)

Bitter Creek County

Uintah County, Utah

AFE: 19403 WI: 100%

ATD: 6350' SD: 4-26-78

CIGE, Inc., Oper.

TD: 4369'

Anderson Drilling, Contr. 5-18-78

9-5/8" @ 205';

TIH w/DST today @ 6 AM. (25' - 3-1/4 hrs).

Drlg; Circ & cond for DST #1; Short trip 10' fill;  
Circ & cond; Short 7' fill; Circ & cond; Short trip  
no fill; TOOH, no correction on strap; PU DST tool;  
TIH w/tools; Att to set @ 4277' & 4285' w/40,000#,  
& 50,000#; Failed both times; Evidence of fractures  
@ pkr seats.

MW 9.9#, 50 secs, 4.5 cc.

TD: 4492' Drlg (123' - 15 1/2 hrs).

5-19-78

Try to set DST pkrs; TOOH w/Howco tools; LD tools;  
TIH w/bit #3 to 2323'; Brk circ & mix mud; FIH to  
4369'; Drlg; Drlg brk: 4424-28', 5 - 3 1/2 mpf, 58 un  
increase; 4458-62', 7 1/2 - 4 mpf, no gas; 4468-76',  
7 1/2 - 4 mpf, 72 un increase on gas; BGG 14 un, Conn  
gas 14 un.

MW 9.8#, 40 secs, 5.5 cc.

TD: 4706' Drlg (214' - 23-3/4 hrs).

5-20-78

Drlg; Rig service.

MW 10#, 46 secs, 6 cc.

TD: 4873' Drlg (167' - 23-3/4 hrs).

5-21-78

Drlg; Rig service.

MW 10.1#, 45 secs, 7 cc.

TD: 5015' Drlg (142' - 21 hrs).

5-22-78

Drlg; Rig repair (replaced main drive compound  
chain); Drlg brk 4824-50', 12 - 1 mpf, 8 - 300  
un; 4869-4938', 10 - 1 1/2 mpf, 8 - 208 un; BGG 10  
un; Conn gas 38 un.

MW 10.1#, 45 secs, 7 cc.

TD: 5116' Drlg (101' - 17-1/4 hrs).

5-23-78

Drlg; Bit trip; Prime #1 pump; Circ & cond mud;  
Prep to trip; Survey (1-1/4" @ 5023'); Clean mud  
pits; Drlg brk, 5062-80', 10 - 3 mpf, 12 - 40 un;  
BGG 12 un, Trip gas 100 un, Conn gas 20 un.

MW 9.9#, 39 secs, 7 cc.

TD: 5292' Drlg (176' - 24 hrs).

5-24-78

Drlg; Drlg brk, 5196-5222', 12 - 8 mpf, 25 - 40 un;  
5246-68', 12 - 4 mpf, 31 - 300 - 30 un; BGG 30 un,  
Conn gas 48 un.

MW 9.8#, 38 secs, 8 cc.

TD: 5460' Drlg (168' - 24 hrs).

5-25-78

Drlg; Drlg brk 5342-74', 10 - 2 mpf, 20 - 275 un;  
BGG 20 un, Conn gas 30 un.

MW 9.8#, 39 secs, 7 cc.

CIGE #7-8-10-21

Bitter Creek County

Uintah County, Utah

AFE: 19403 WI: 100%

ATD: 6350' SD: 4-26-78

CIGE, Inc., Oper.

Anderson Drilling, Contr.

9-5/8" @ 205';

1434' FWL & 805' FNL.  
LOCATION: C NW/4, Section 8, T10S, R21E, Uintah  
County, Utah.

TD: 205' GL WORT

4-28-78

Spudded well @ 8 AM, 4-26-78 w/All Western Well  
Service; RU & ran 5 jts 9-5/8" OD, 8rd, 36#,  
K-55 csg, set @ 205' GL; RU Halliburton; Cmt'd  
9-5/8" w/150 sx Class "G" w/2% CaCl; PD @ 1:15  
PM, 4-27-78. WORT. Transfer to back page.

TD: 205'

5-8-78

Last report was 4-28-78.

RURT

TD: 205'

5-9-78

Testing Hydril

TD: 205'

5-10-78

Drlg cmt @ 180' @ 6 AM.

WO Hydril; NU Hydril & rotating head; Testing Hydril,  
csg & Kelly cock; Tested csg & Bradenhead to 500 psig  
- Held OK; Tested Hydril w/1500 psig - Held OK; RU &  
wash mouse hole down; PU DC & TIH to 140', TOC: Drlg  
cmt & Baffle; NOTE: Testing w/Yellow Jacket.

MW 8.4#, 28 secs.

TD: 842'

5-11-78

Drlg (637' - 22-1/4 hrs).

Drlg; Drlg cmt; Rig repair; Survey (3/4° @ 501').

MW 8.4#, 28 secs.

TD: 1540'

5-12-78

Drlg (698' - 23 1/2 hrs).

Drlg; Surveys (3/4° @ 1000')(1/4° @ 1501').

MW 8.4#, 28 secs.

TD: 2190'

5-13-78

Drlg 8 1/2" hole (650' - 23-3/4 hrs).

Drlg; Rig service.

MW 8.3#, 27 secs.

TD: 2688'

5-14-78

Drlg (499' - 14 hrs).

Drlg; Survey (1-1/4° @ 2300')(1-1/4° @ 2631');  
Bit trip, SLM - No correction; LD 3 6-3/4" DC; PU 3 6-1/4"  
DC; Took gas kick while out of hole; SIP - 145 in 2 hrs; Mix  
mud to 35 vis; Blew well down on 3/4" ck to 0 psi in 7 min;  
TIH w/bit #2; Drlg 7-7/8" hole.

MW 8.4#, 27 secs.

TD: 3354'

5-15-78

Drlg (666' - 20-3/4 hrs).

Drlg; Rig service; Rig repair - replaced #1 pump  
belts; BGG 325 un, conn gas 800 un.

MW 8.3#, 27 secs.

TD: 3981'

5-16-78

Drlg (627' - 23 hrs).

Drlg; Work tite hole; BGG 250 un; Conn gas 340 un.

MW 8.4#, 27 secs.

DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY(See other in-  
structions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-01791

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 7-8-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC. T., R., M., OR BLOCK AND SURVEY  
OR AREA

SECTION 8-T10S-R21E

12. COUNTY OR  
PARISH

UTAH

13. STATE

UTAH

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1434' FWL &amp; 805' FNL Section 8, T10S, R21E

At top prod. interval reported below

SAME AS ABOVE

At total depth

SAME AS ABOVE

14. PERMIT NO.

43-047-30358

DATE ISSUED

2-18-78

15. DATE SPUDDED

4-26-78

16. DATE T.D. REACHED

5-31-78

17. DATE COMPL. (Ready to prod.)

7-7-78

18. ELEVATIONS (DF, RKE, BT, CR, ETC.)\*

5095

UNGR. GR.

19. ELEV. CASINGHEAD

UNKNOWN

20. TOTAL DEPTH, MD &amp; TVD

6400

21. PLUG BACK T.D., MD &amp; TVD

6175

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

205' - TD

CABLE TOOLS

0 - 205'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4821' - 6191' WASATCH

25. WAS DIRECTIONAL  
SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-CNL-FDC

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	205'	12 1/2"	150sx Cls G, W 2% CaCl	
4 1/2"	11.6#	6399'	8 1/2"	112sx 50-50 POZ W/8% gel	10
				% Salt, 741 sx RFC w/12%	
				RF, 0.1% D-74, 5#/sx GIL.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	TACKER SET (MD)
2-3/8"	5010'	

31. PERFORATION RECORD (Interval, size and number)

4821', 4823', 4832', 4837', 4840', 4845',  
 4879', 4882', 4891', 4893', 4910', 4922',  
 4927', 5085', 5091', 5257', 5262', 5363',  
 5370', 5588', 5597', 5748', 5750', 5780',  
 6191' W/1SPF TOTAL 25 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4821' - 6191'	Frac w/120,000 gal MY-T-GEL III w/3% KCl & 40# & 50# guar/1000 gal. & 250,000# SMD Acid w/5000 gal 7 1/2% HCl

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-18-78		FLOWING				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-19-78	24	10/64	→	-	591	0	-
FLOW. TUBING PPMs.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1000	1050	→	-	591	0		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

TEST WITNESSED BY

K. E. Oden

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

R. G. Merrill

TITLE

Sr. Petroleum Engineer

DATE 1-12-79

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Gacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP PLUS TEST. DEPTH
				GREEN RIVER	1458	
				WASATCH	4702	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐  
2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1434' FWL & 805' FNL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>NTL-2B Unlined Pit</u>	

*Approval denied*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPB. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

Attachments: (1) Topo map  
(2) Water analysis

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE July 29, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SAMPLE NO. \_\_\_\_\_

**THE WESTERN COMPANY**

Service Laboratory  
Midland, Texas  
Phone 683-2781 Day  
Phone 683-4162 Night

Service Laboratory  
Oklahoma City, Oklahoma  
Phone 840-2771 Day  
Phone 751-5470 Night

**WATER ANALYSIS**County VINTAHDate Sampled 6-29-80

Field \_\_\_\_\_

Date Received 6-30-80Operator CIGESubmitted By KARL ODENWell CIGE #7Worked By JOHN KOTELEC

Depth \_\_\_\_\_

Other Description \_\_\_\_\_

Formation WASATCH**CHEMICAL DETERMINATIONS as parts per million**Density 1.010 @ 22° CpH 8.2Iron 1 ppmHydrogen Sulfide NONESodium and Potassium 5635Bicarbonate 427Calcium 280Sulfate 180Magnesium 267

Phosphate \_\_\_\_\_

Chloride 9580as Sodium Chloride 15759

TOTAL ppm \_\_\_\_\_

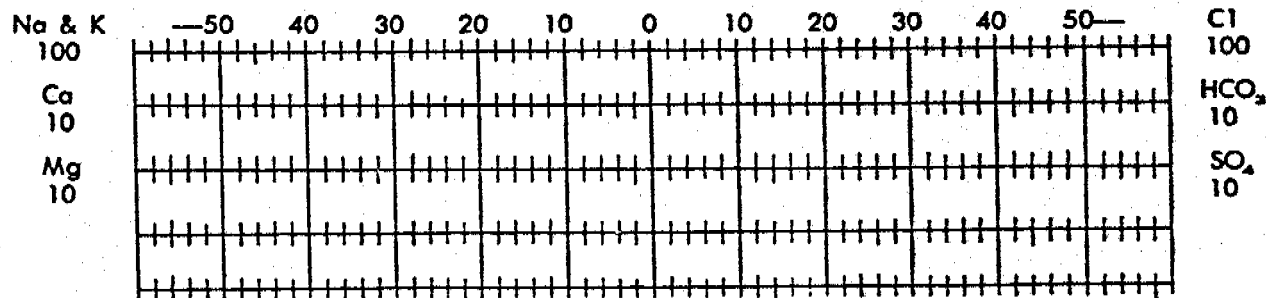
Resistivity \_\_\_\_\_ ohm-meters

TOTAL HARDNESS - 1800 ppm as  $\text{CaCO}_3$ 

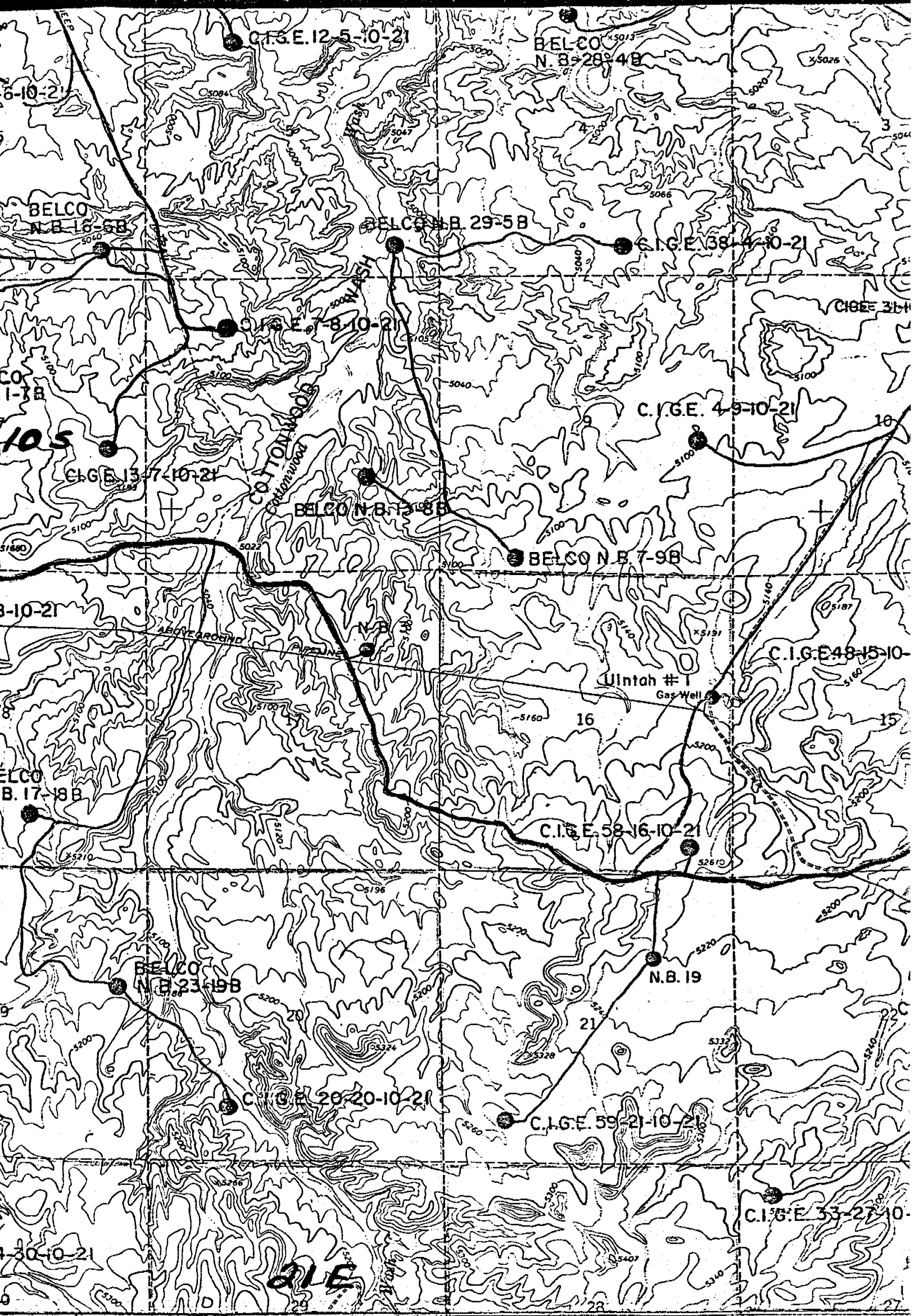
Remarks:

FAIR AMOUNT OF VERY LIGHT COLORED CONDENSATE - ~50% OF SAMPLE

for Stiff type plot (in meq./l.)



Per \_\_\_\_\_



FINAL DETERMINATION BY THE OIL AND GAS SUPERVISOR UNDER THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

A final category determination is set forth below pursuant to the provisions of the NGPA for certain Federal lease gas as requested in application received on 3-29-79 and filed by Gas Producing Enterprises, Inc.

For the onshore:

Well Name and No.: Natural Buttes 7-8-10-21  
Sec., T. and R.: Sec 8, T10S, R21E  
API No.: 43-047-30358  
Reservoir: Wasatch  
Lease No.: U-01791  
County and State: Uintah, Utah

For the OCS:

Lease and Well No.: \_\_\_\_\_  
Block: \_\_\_\_\_  
API No: \_\_\_\_\_  
Reservoir: \_\_\_\_\_  
Nearby State: \_\_\_\_\_

Category determination requested: Section 102 (c) (1) (C)

Final category determination: Approved as requested X Negative determination \_\_\_\_\_

Remarks: \_\_\_\_\_

In accordance with the requirements of 18 CFR 274.104, the following information and reference materials will be submitted to the FERC with this final determination:\*

1. List of participants including the applicant and all parties submitting comments on the application.  
Gas Producing Enterprises, Inc.
2. A statement on any matter opposed. \_\_\_\_\_
3. A copy of the application. Also, a copy of any other materials in the record used in the determination together with any information inconsistent (or possibly inconsistent) with the determination, which includes: \_\_\_\_\_
4. All materials required under 18 CFR 274, Subpart B, and all other record materials (and portions of record materials) used in the determination process are enclosed.
5. An explanatory statement summarizing the basis for the determination is enclosed.
6. For a New Onshore Production Well determination involving 18 CFR 271.305(b) or (c), a finding as to the necessity of the well is enclosed.

A final jurisdictional agency determination is hereby made that the Federal lease natural gas referred to above does/~~not~~ qualify as natural gas produced from a New Onshore Reservoir in accordance with the applicable provisions of the NGPA.

Any person may object to this final determination by filing a protest with the FERC within 15 days after this determination is published by the FERC in the Federal Register in accordance with 18 CFR Part 275.

Name: C. J. Curtis Title: Area Oil & Gas Supervisor  
Signature: [Signature] NRMA  
Date: August 15, 1980 Phone number: (307) 265-5550 ext. 5405 Address: P. O. Box 2859  
Casper, WY 82602

\*In the case of a negative determination, only a copy of the negative determination and a copy of Form FERC 121 will be forwarded to FERC. If the applicant or any aggrieved party so requests within 15 days of making such a determination, all information referenced in 1 through 6 will be forwarded within 20 days following the determination to the FERC in accordance with 18 CFR 274.104(b).

cc: Applicant  
Purchaser(s)  
NGPA File

Public Info. File  
Lease File  
Comments

~~Co-lessees~~  
New Reservoir  
State File





## COLORADO INTERSTATE GAS COMPANY

STATE COPY

## WELL TEST DATA FORM

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES, UT			OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC.			WELL NAME CIGE 7-8-10-21																				
WELL CODE 25406		SECT. 8		LOCATION TWN/BLK 10S 21E		PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION WASATCH SA FLOW TEST																					
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING		CASING	
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	48	51	52	55	58	59	61	62	67	68	73	74	75				
X X	X X	X X	X X	X X	X X	X X	X X X	X X	X X X	X X X X X	X	X X X X X	X X X	X X X X X	X	X X	X X	X X X	X X X	X X X	X X X	X X X X X	X	X X X X X	X	X	X				
1	31	84	02	07	84	00	875	2	067	02824	0	0602	100	005250	0230	067					005360	007090									
WELL-OFF (SHUT-IN)			SHUT-IN TEST			SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.													
MO.	DAY	YR.	MO.	DAY	YR.	PRESSURE TAKEN		DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																			
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55												
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02	07	84	02	10	84	009900	0	009900	0		627	1	9950	7000	0602																
25406 00875										REMARKS: Choke 20																					

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 01-11			FIELD NAME NATURAL BUTTES, UT										OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC										WELL NAME CIG 7-8-10-21																			
CODE 25406			SECT. 8			LOCATION TWN/BLK 105			RGE/SUR. 21E			PANHANDLE/REDCAVE SEQ. NUMBER			K-FACTOR			FORMATION KASATCH SA FLOW TEST																										
WELL ON (OPEN)			DATE (COMP.)						ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING		CASING											
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.						
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55						
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06	08	83	06	15	83	00	875		2	067		02824	0058		100	006090		0430		118		006800	009120		X																			
WELL-OFF (SHUT-IN)			SHUT-IN TEST						SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.																							
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55						
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06	15	83	06	18	83	012	190		012	120		627	1	9950		7000																												
25406										00875										REMARKS: Est diff choke 1 3/4																								

## COLORADO INTERSTATE GAS COMPANY

STATE COPY

## WELL TEST DATA FORM

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC			WELL NAME CIGE 7-8-10-21																								
WELL CODE 3 25406		LOCATION 7 8		TOWNSHIP/BLK 10S		RGE/SUR. 21E		PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION WASATCH SA FLOW TEST		1																					
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP		WELL HEAD TEMP		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING		CASING					
MO.	DAY	YR.	MO.	DAY	YR.																														
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X				
09 22 81			09 29 81			10 08 75		2		067		0.485		100		007130		0200		100				10725		008776		X							
WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)			SLOPE			EFFECTIVE DIAMETER			EFFECTIVE LENGTH			GRAVITY (RAW GAS)			EST CSG PRESS			EST TBG PRESS			TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.		
MO.	DAY	YR.	MO.	DAY	YR.																														
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48				
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X				
06 15 81			06 18 81			010850			010810			627			1			9950			7000														
METER STAMP			25406			00875			REMARKS:																										

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 60-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 0828		OPERATOR NAME FELCO PETROLEUM CORP.			WELL NAME NATURAL BUTTES			13-88																	
WELL CODE 72920		SECT. 3		LOCATION TWN SHP/BLK 105 21E		RGE/SUR. 21E		PANHANDLE/REDGAVE SEQ. NUMBER 01250		K-FACTOR		FORMATION WASATCH SA FLOW TEST		1																	
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING TSG/CSG PRESSURE		FLOWING TSG/CSG PRESSURE	
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08	26	80	09	02	80	01	250																								
WELL-OFF (SHUT-IN)			SHUT-IN TEST			PRESSURE TAKEN		DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.					
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
			08	26	80	00980	0	00913	0			526	1	4950	6162																
STAMP			72920			01250			REMARKS:																						

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

# COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2200		OPERATOR NAME CIG EXPLORATION INC			WELL NAME CIGE 7-8-10-21																		
CODE 06		SECT. 8		LOCATION TWN/BLK 10S 21E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION WASATCH SA FLOW TEST		1																			
WELL ON (OPEN)			FLOW TEST																										
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING		STRING CASING		
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X X	X X	X X	X X	X X	X X	X X	X X X	X X	X X X	X X X X X	X	X	X X X	X X X	X X X X X	X	X	X X	X X	X X X	X X X	X X X X X	X	X X X X X	X	X X X X X	X	X	X
08	25	80	07	02	80	10	875	2	067					100	0.502	0	0.250	89			00509	0	00772	0					X
WELL-OFF (SHUT-IN)			SHUT-IN TEST										SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.				
PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		CIG							
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55	OPERATOR:									
X X	X X	X X	X X	X X	X X	X X X X X	X	X X X X X	X	X	X X X	X X	X X X X	X X X X X	X	X X X	E	E	COMMISSION:										
08	22	80	07	25	80	00903	0	00706	0		624	1	9950	7000															
REMARKS:																													
25406 00875																													

[illegible]

NATURAL BUTTES UNIT  
COASTAL OIL & GAS CORPORATION - OPERATED (COGC)  
COLORADO INTERSTATE GAS EXPLORATION - OPERATED (CIGE)

Natural Duck

COGC 1-22-9-20

COGC 2-22-9-20

Natural Buttes

COGC NBU (Ute Trail) #1W

COGC NBU (Ute Trail) #1MV

COGC NBU (Ute Trail) #7

COGC NBU (Ute Trail) #52X

COGC NBU (Ute Trail) #83X

COGC NBU (Ute Trail) #88X

COGC NBU #1

COGC NBU #3

COGC NBU #4

COGC NBU #6

COGC NBU #7

COGC NBU #8

COGC NBU #9

COGC NBU #10

COGC NBU #11

COGC NBU #12

COGC NBU #13

COGC NBU #14

COGC NBU #15

COGC NBU #16

COGC NBU #17

COGC NBU #18

COGC NBU #19

COGC NBU #20

COGC NBU #22

COGC NBU #23 N

COGC NBU #24 N2

COGC NBU #26

Highland (Coastal Operated)

NBU #27

NBU #27A

NBU #28

NBU #29

NBU #31

COGC NBU #32Y

COGC NBU #33Y

COGC NBU #35Y

COGC NBU #36Y

COGC NBU #37XP

COGC NBU #38 N2

COGC NBU #39 N

COGC NBU #41J

COGC NBU #43 N

COGC NBU #45 N

COGC NBU #46 N

RECEIVED  
FEB 14 1961

DIVISION OF  
OIL, GAS & MINING

COGC NBU #47 N2  
COGC NBU #48 N3  
COGC NBU #49 V  
COGC NBU #50 N2  
COGC NBU #51 J  
COGC NBU #52 J  
COGC NBU #53 N  
COGC NBU #54 N  
COGC NBU #56 N2  
COGC NBU #57 N  
COGC NBU #58 N2  
COGC NBU #62 N  
COGC NBU #63 N3  
COGC NBU #64 N3  
COGC NBU #65 N3  
COGC NBU #68 N2  
COGC NBU #69 N2  
COGC NBU #70 N3  
COGC NBU #72 N3  
COGC NBU #74 N3  
COGC NBU #75 N3  
COGC NBU #80 V  
COGC NBU #81 V  
COGC NBU #83 J  
COGC NBU #84 V  
COGC NBU #85 J  
COGC NBU #86 J  
COGC NBU #87 J  
COGC NBU #98 V

CIGE NBU #2-29-20-21  
CIGE NBU #3-32-9-22  
CIGE NBU #4-9-10-21  
CIGE NBU #5-31-9-22  
CIGE NBU #6-19-9-21  
CIGE NBU #7-8-10-21  
CIGE NBU #8-35-9-22  
CIGE NBU #9-36-9-22  
CIGE NBU #10-2-10-22  
CIGE NBU #11-14-9-20 (W)  
CIGE NBU #13-7-10-21  
CIGE NBU #14-9-10-22  
CIGE NBU #15-8-10-22  
CIGE NBU #16-20-10-22  
CIGE NBU #18-2-10-21  
CIGE NBU #19-16-9-21  
CIGE NBU #20-20-10-22  
CIGE NBU #21-15-10-22  
CIGE NBU #22-15-9-10  
CIGE NBU #23-7-10-22  
CIGE NBU #24-29-9-22  
CIGE NBU #25-34-9-22  
CIGE NBU #27-33-9-22  
CIGE NBU #28-35-9-21  
CIGE NBU #30-6-10-21  
CIGE NBU #31-1-10-22  
CIGE NBU #32A-20-9-20

105, 01E, 8 30358



CIGE NBU #33-27-10-21  
CIGE NBU #34-13-10-20  
CIGE NBU #35-1-10-20  
CIGE NBU #36D-32-9-22  
CIGE NBU #37D-21-9-21P  
CIGE NBU #38-4-10-21  
CIGE NBU #40-3-10-21  
CIGE NBU #41-12-10-21  
CIGE NBU #42-25-9-21  
CIGE NBU #43-14-10-22  
CIGE NBU #44-9-9-21  
CIGE NBU #45-15-9-21  
CIGE NBU #46-21-9-21  
CIGE NBU #47-14-10-21  
CIGE NBU #48-15-10-21  
CIGE NBU #49-22-10-21  
CIGE NBU #51D-31-9-22P  
CIGE NBU #52-5-10-22  
CIGE NBU #53-6-10-22  
CIGE NBU #54D-35-9-21  
CIGE NBU #55-1-10-21  
CIGE NBU #56-34-9-21  
CIGE NBU #57-10-10-21  
CIGE NBU #58-16-10-21  
CIGE NBU #59-21-10-21  
CIGE NBU #60-14-9-21  
CIGE NBU #61-13-9-21  
CIGE NBU #62D-36-9-22P  
CIGE NBU #63D-29-9-22P  
CIGE NBU #64D-33-9-22P  
CIGE NBU #65-19-10-22  
CIGE NBU #66-23-10-21  
CIGE NBU #67A-2-10-22P  
CIGE NBU #68D-35-9-22P  
CIGE NBU #69-19-10-21  
CIGE NBU #70-20-9-21  
CIGE NBU #71-7-9-21  
CIGE NBU #72-18-9-21  
CIGE NBU #73D-5-10-22P  
CIGE NBU #74D-6-10-22P  
CIGE NBU #75D-8-10-21P  
CIGE NBU #76D-9-10-21P  
CIGE NBU #77D-10-10-21P  
CIGE NBU #78C-16-9-21P  
CIGE NBU #79D-1-10-21P  
CIGE NBU #80D-2-10-21  
CIGE NBU #81D-4-10-21  
CIGE NBU #83D-7-10-22P  
CIGE NBU #84D-12-10-21P  
CIGE NBU #85D-29-10-21  
CIGE NBU #86D-16-9-21P  
CIGE NBU #87D-34-9-21P  
CIGE NBU #88D-15-10-21P  
CIGE NBU #89D-34-9-22J

CIGE NBU #90D-9-9-21J  
CIGE NBU #91D-15-9-21J  
CIGE NBU #92D-13-10-20J  
CIGE NBU #93D-2-10-21J  
CIGE NBU #94D-14-10-21J  
CIGE NBU #95D-14-10-21J  
CIGE NBU #99D-25-9-21J

COGC NBU #11-14-9-20

Bluebell (Coastal Operated)

Asay

Powell Fee #3

Powell Fee #4

Ute Tribal #1-31

Powell Fee #3 SWD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED  
JUL 30 1990

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
C.I.G. Exploration Inc.

3. Address and Telephone No.  
P.O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1434' FWL & 805' FNL  
Section 8, T10S-R21E

5. Lease Designation and Serial No.  
U-01791

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
Natural Buttes Unit

8. Well Name and No.  
CIGE #7-8-10-21

9. API Well No.  
43-047-30358

10. Field and Pool, or Exploratory Area  
Natural Buttes Unit

11. County or Parish, State  
Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Returned Well To Production  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above-referenced well was returned to production 7/27/90.

OIL AND GAS	
DFN	RJF
JPB	GLH
DIS	SLS
1-DME	
2-MICROFILM ✓	
2-FILE	

14. I hereby certify that the foregoing is true and correct.

Signed Eileen Danni Day  
(This space for Federal or State office use)

Title Regulatory Analyst

Date July 27, 1990

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004--0135  
Expires: March 31, 1993  
Lease Designation and Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

U-01791

Indian, Apptee or Tribe Name

OF OIL, GAS & MINERAL

Agreement Designation

**SUBMIT IN TRIPLICATE**

Natural Buttes Unit

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

CIGE #7-8-10-21

2. Name of Operator

C.I.G. Exploration, Inc.

9. API Well No.

43-047-30358

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

10. Field and Pool, Or Exploratory Area

Natural Buttes

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1434' FWL & 805' FNL

Section 8, T10S-R21E

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other CO, reperf, lwr tbg,  
install plunger lift

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached procedure to reperforate selected intervals, lower tubing, and install plunger lift equipment in the referenced well.

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Sr. Environmental & Safety Analyst

Date 03/05/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**CIGE #7**  
Natural Buttes Field  
Section 8-T10S-R21E

**WELL DATA:**

Location: 805' FNL 1434' FWL Sec. 8 T10S-R21E  
Elevation: 5095' GR, 5107' KB  
Total Depth: 6400', PBTD 6132' (8/95 SLM)  
Casing: 9-5/8" 36# K-55, ST&C @ 205' w/150 sx  
4-1/2" 11.6# N-80 LT&C @ 6399' w/853 sx  
Tubing: 2-3/8" 4.7# J-55 @ 5010'  
Perforations: Wasatch (4821'-6191' - 25 holes)

**PROCEDURE:**

1. MI & RU. Kill well w/3% KCL wtr. ND WH. NU BOP. POOH w/2-3/8" tbg.
2. TIH w/CO tls. CO to 6240'. Abort CO if it takes more than one day.
3. RU & reperforate Wasatch w/3-1/8" csg gun (4 JSPF).  
Perforate from FDC/CNL log (5/78):

4823'	4881'	4929'	5780'
4825'	4884'	5365'	6191'
4834'	4893'	5372'	
4839'	4895'	5587'	
4842'	4912'	5597'	
4847'	4924'	5748'	

4. RIH w/2-3/8" tbg to 5780' (new EOT). Install plunger lift stop via WL. ND BOP. NU WH. Swab well in. RD & MO.
5. Complete installation of plunger lift equipment. After returning the well to sales line, obtain rates and pressures.

Rate prior to WO (12/95): 110 MCF, FTP 280 psi, CP 320 psi, LP 260 psi on 15/64" choke.  
On intermitter.

PRODUCING STATUS: FLOWING  
WELLHEAD WORKING PRESSURE: 650

# DOWNHOLE SCHEMATIC

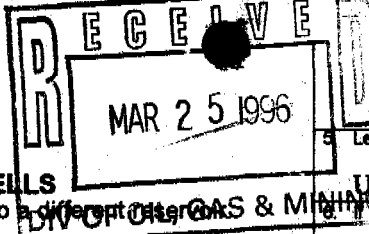
LEASE: NB U  
WELL #: 2167-8-10-21  
FIELD: NAT BUTTES  
LOCATION: SEC 8  
COUNTY/STATE: LINCOLN  
UTAH  
TD: 6400  
PBD: 6175  
PERFS: 4821-6191  
25 HOLES  
PROD. FORM(S): FLOW  
DATE: 12-11-79 BY: PCD

KB ELEVATION: \_\_\_\_\_

FORM. TOPS

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.	O.D.	I.D.
HOLE SIZE: <u>12 1/4"</u>		
SURFACE CASING: O.D. <u>9 5/8"</u> , WEIGHT(S) <u>36 #</u> GRADE(S) <u>K55</u> , CPLG <u>810</u> SET AT <u>265'</u> W/ <u>150 SX</u> <u>7 7/8"</u>		
HOLE SIZE: <u>8 1/2"</u>		
<u>N-80</u> <u>4 1/2 CD 810 11.6# K55 USB</u> <u>SET @ 6399 W/ 853 SX</u>		
<u>2 3/4 CD 555 810 TDB 4.6#</u> <u>SET @ 5010'</u>		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
Lease Designation and Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different formation. Use "APPLICATION FOR PERMIT" - for such proposals

U-01791

Indian, Alutian or Tribe Name

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

C.I.G. Exploration, Inc.

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1434' FWL & 805' FNL  
Section 8, T10S-R21E

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE #7-8-10-21

9. API Well No.

43-047-30358

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other CO. reperf. lwr. tbg.  
install plunger lift

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

Please see the attached chronological history for work performed on the subject well.

14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title

Sr. Environmental & Safety Analyst

Date

03/21/96

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

tax credit  
9/20/96

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**COASTAL OIL & GAS CORPORATION**  
**CHRONOLOGICAL HISTORY**

CIGE #7-8-10-21  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
TD: 6400' PBTD: 6175' (WL)  
CSG: 4½" @ 6400'

Page 1

4/26/78 Spud. Ran 9-5/8" 36# K-55 csg to 205' G.L. Cmt w/150 sx.  
6/1/78 TD @ 6400'. Ran 4-1/2" 11.6# N-80 8rd to 6400'.  
6/16/78 Ran CBL. Cmt'd nearly to surface.  
7/8/78 Perf 4821, 23, 32, 37, 40, 45, 79, 82, 91, 93, 4910, 22, 27, 5085, 91, 5257, 62, 5363, 70, 5588, 97, 5748, 50, 80, 6191. 25 holes.  
7/11/78 Frac w/200M# sand. 61 bpm, 4950 psi. ISIP/5/10=2400/2280/2250#  
Flowed to test unit  
7/18/78 S-I awaiting P/L.  
10/6/78 Ran 2-3/8" tbg to 5010'.  
10/18/78 Connected to sales. IP @ 591 MCFD.

---

**Lower tubing, install PLE**

02/13/96 Start MIRU Colorado Well Service Rig #33. Rig broke down. SD for rig repair. (Burned vlv in engine - replaced head).  
DC: \$2,000 TC: \$2,000  
02/14/96 Finish MIRU Colorado Well Service Rig #33. Blow down & kill well w/70 bbls 3% KCl wtr. ND WH, NU BOP. PU & RIH w/tbg. Tag fill @ 6138'. POH w/tbg. PU & RIH w/hydrostatic bailer, CO from 6138' to PBTD @ 6286'. POH w/bailer above perfs. SDFN.  
DC: \$3,730 TC: \$5,730  
02/15/96 Finish POH, empty & LD bailer. RU Cutters WLS. Could not get 3-3/4" gauge ring into top of 4-1/2" csg. Rih w/3-1/2" gauge ring, could not go below 4910'±. RD WL. Dress top of 4-1/2" csg w/string mill. RIH w/3-7/8" mill & stroke bailer, tag scale @ 4914', drld to 4920', fell thru. RIH, tag scale @ 5888'. PU mill above perfs (POH 25 stds) SDFN.  
DC: \$4,850 TC: \$10,580  
02/16/96 RIH w/3-7/8" mill & stroke bailer drill scale 5888' to 5903'. RIH, drl scale 6190'-6191'. RIH, bail sand from 6267' to 6330', fell thru. RIH to PBTD @ 6350'. POH & LD bailer. RU Cutters WLS. Perf 20 intervals 4823'-6191', 4 SPF w/3-1/8" csg gun. RD WL. RIH & broach prod tbg - 192 jts landed @ 5789' w/notched clr on btm. SN 1 jt up 5757'. ND BOP, NU WH. RDMO Colorado Well Service Rig #33.  
DC: \$10,790 TC: \$21,370  
02/17/96 RU plunger lift. MIRU Delco, TP 10 psi, CP 350 psi, tag fluid @ 4200'. Made 8 swab runs, try plunger, no arrival. Made 3 more swab runs, try to flow again. Flowed 30 min, try plunger, no arrival. SDFN. SITP 0 psi, SICP 300 psi, FFL 4700'. Swabbed 55 bbls.  
DC: \$6,036 TC: \$27,406  
02/18/96 SITP 60 psi, SICP 260 psi. Tag fluid @ 4700', made 2 swab runs. Well flowed. Made 2 runs w/plunger - would not come up 3rd time, made 11 more swab runs, swab dry. FTP 0 psi, FCP 250 psi, FFL 5400'. Swabbed back 32 bbls, 87 bbls total. SI for build up. Drpd 8 soap sticks.  
DC: \$1,235 TC: \$28,641  
02/19/96 SITP 120 psi, SICP 440 psi. Drop plunger, made 2 quick runs. Put on production 8:30 am, 2/18/96, well sold 21 MCF, well layed back off. Blew dead, trying to bring plunger up. SDFN. Flowing 41 MMCF, 7 BW, swab-sold re-swab.  
DC: \$350 TC: \$28,991



02/20/96 SITP 80 psi, SICP 440 psi. Blow down, run in tag fluid @ 5100'. Made one run, set plunger. Plunger tripped twice, sold each time, 3rd time, no arrival. Run in w/swab, tag fluid @ 5300'. Kick off well, start plunger, no arrival. Back side down to 200, FFL 5300', FTP 40 psi. SI for build-up. Flowing 14 MMCF, 3 BW, 160 TP, 400 CP, 24/64" chk. Swab - Build press. Put on production.  
DC: \$1,176 TC: \$30,167

02/21/96 Flowing 6 MMCF, 2 BW, 160 TP, 300 CP, 30/64" chk. No arrival PL, 22 hrs

02/22/96 Flowing 11 MMCF, 2 BW, 160 TP, 220 CP, 30/64" chk. 2 hrs run

02/23/96 Flowing 5 MMCF, 1 BW, 100 TP, 280 CP, 30/64" chk. SI - no arrival, logged off.

02/24/96 Flowing 20 MMCF, 16 BW, 210 TP, 210 CP, 30/64" chk. PL, down 22 hrs

02/25/96 Flowing 96 MMCF, 20 BW, 210 TP, 210 CP, 30/64" chk. PL down 20 hrs

02/26/96 Flowing 98 MMCF, 15 BW, 210 TP, 240 CP, 20/64" chk. Ran 5 hrs.

02/27/96 Flowing 28 MMCF, 15 BW, 260 TP, 240 CP, 20/64" chk. Comp down.

02/28/96 Flowing 79 MMCF, 10 BW, 100 TP, 220 CP, 20/64" chk. 5 hrs flow.

02/29/96 Flowing 72 MMCF, 10 BW, 180 TP, 240 CP, 20/64" chk. 5 hrs flow.

03/01/96 Flowing 84 MMCF, 10 BW, 180 TP, 220 CP, 20/64" chk. 6 hrs flow.

03/02/96 Flowing 77 MMCF, 8 BW, 220 TP, 260 CP, 20/64" chk. 6 hrs flow.

03/03/96 Flowing 103 MMCF, 8 BW, 240 TP, 270 CP, 20/64" chk. 17.25 hrs flow.

03/04/96 Flowing 101 MMCF, 8 BW, 180 TP, 210 CP, 20/64" chk. 7 hrs flow.

03/05/96 Flowing 63 MMCF, 8 BW, 280 TP, 380 CP, 20/64" chk. 8 hrs flow.

03/06/96 Flowing 134 MMCF, 8 BW, 150 TP, 150 CP, 20/64" chk. Plunger down 14 hrs.

03/07/96 Flowing 108 MMCF, 3 BW, 175 TP, 180 CP, 20/64" chk. Ran 12 hrs

03/08/96 Flowing 108 MMCF, 3 BW, 140 TP, 140 CP, 20/64" chk.

03/09/96 Flowing 112 MMCF, 2 BW, 130 TP, 160 CP, 20/64" chk.

03/10/96 Flowing 108 MMCF, 2 BW, 140 TP, 160 CP, 20/64" chk. Ran 11 hrs.

03/11/96 Flowing 105 MMCF, 2 BW, 150 TP, 160 CP, 20/64" chk. Plunger 11 hrs.

03/12/96 Flowing 97 MMCF, 2 BW, 150 TP, 190 CP, 20/64" chk. Plunger 11 hrs. **Final Report**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 5 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

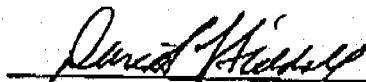
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW /		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 137-6-10-21	43-047-31988	2900	06-10S-21E	FEDERAL	GW	P
307-6E	43-047-32014	2900	06-10S-21E	FEDERAL	GW	P
CIGE 138A-6-10-21	43-047-32049	2900	06-10S-21E	FEDERAL	GW	P
CIGE 159-6-10-21	43-047-32120	2900	06-10S-21E	FEDERAL	GW	P
NBU 1-7B	43-047-30261	2900	07-10S-21E	FEDERAL	GW	P
NBU CIGE 13-7-10-21	43-047-30420	2900	07-10S-21E	FEDERAL	GW	P
NBU CIGE 94D-7-10-21J	43-047-31164	2900	07-10S-21E	FEDERAL	GW	P
CIGE 167-7-10-21	43-047-32142	2900	07-10S-21E	FEDERAL	GW	S
CIGE 182-7-10-21	43-047-32481	2900	07-10S-21E	FEDERAL	GW	P
NBU 13-8B	43-047-30294	2900	08-10S-21E	FEDERAL	GW	P
<b>CIGE 7-8-10-21</b>	43-047-30358	2900	08-10S-21E	FEDERAL	GW	P
NBU CIGE 75D-8-10-21P	43-047-30954	2900	08-10S-21E	FEDERAL	GW	P
FEDERAL 205-8	43-047-31238	2900	08-10S-21E	FEDERAL	GW	P
CIGE 102D-8-10-21	43-047-31741	2900	08-10S-21E	FEDERAL	GW	P
CIGE 149-8-10-21	43-047-32056	2900	08-10S-21E	FEDERAL	GW	P
NBU 332-8E	43-047-32148	2900	08-10S-21E	FEDERAL	GW	P
CIGE 207-8-10-21	43-047-32975	2900	08-10S-21E	FEDERAL	GW	P
CIGE 208-8-10-21	43-047-32997	2900	08-10S-21E	FEDERAL	GW	P
NBU 508-8E	43-047-33124	2900	08-10S-21E	FEDERAL	GW	P
NBU 7-9B	43-047-30278	2900	09-10S-21E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143



5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/06/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

**Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.**

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

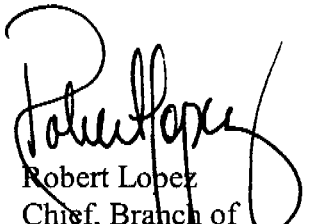
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

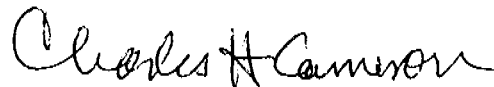
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron  
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995 PHONE NUMBER: (832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE



DATE

12/17/02

(This space for State use only)



Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ OtherSUCCESSOR OF  
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zc Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 1-7B	07-10S-21E	43-047-30261	2900	FEDERAL	GW	P
NBU CIGE 13-7-10-21	07-10S-21E	43-047-30420	2900	FEDERAL	GW	P
NBU CIGE 94D-7-10-21J	07-10S-21E	43-047-31164	2900	FEDERAL	GW	P
CIGE 167-7-10-21	07-10S-21E	43-047-32142	2900	FEDERAL	GW	S
CIGE 182-7-10-21	07-10S-21E	43-047-32481	2900	FEDERAL	GW	P
CIGE 200-7	07-10S-21E	43-047-31139	2900	FEDERAL	GW	PA
NBU 13-8B	08-10S-21E	43-047-30294	2900	FEDERAL	GW	P
CIGE 7-8-10-21	08-10S-21E	43-047-30358	2900	FEDERAL	GW	P
NBU CIGE 75D-8-10-21P	08-10S-21E	43-047-30954	2900	FEDERAL	GW	P
NBU FEDERAL 205-8J	08-10S-21E	43-047-31238	2900	FEDERAL	GW	P
CIGE 102D-8-10-21	08-10S-21E	43-047-31741	2900	FEDERAL	GW	S
NBU 332-8E	08-10S-21E	43-047-32148	2900	FEDERAL	GW	S
CIGE 149-8-10-21	08-10S-21E	43-047-32056	2900	FEDERAL	GW	P
CIGE 207-8-10-21	08-10S-21E	43-047-32975	2900	FEDERAL	GW	P
CIGE 208-8-10-21	08-10S-21E	43-047-32995	2900	FEDERAL	GW	P
NBU 508-8E	08-10S-21E	43-047-33124	2900	FEDERAL	GW	P
CIGE 227-9-10-21	09-10S-21E	43-047-32998	2900	FEDERAL	GW	P
NBU 431-9E	09-10S-21E	43-047-33069	2900	FEDERAL	GW	S
CIGE 254	09-10S-21E	43-047-33723	2900	FEDERAL	GW	P
CIGE 150-9-10-21	09-10S-21E	43-047-32058	2900	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/19/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/19/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

# ALL WELLS ROCKY MOUNTIAN GAS-NBU ENARDO VARIANCE

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 003	32-9-22 SENE	ML22649	891008900A	430473032000S1 ✓
CIGE 004	9-10-21 NESE	UTU01416	891008900A	430473033400S1
CIGE 005	31-9-22 NWSE	U01207A	891008900A	430473033500S1 ✓
CIGE 006	19-9-21 SWSE	U0581	891008900A	430473035600S1
CIGE 007	8-10-21 NENW	UTU01791	891008900A	430473035800S1
CIGE 008	35-9-22 SWSE	UTU010954A	891008900A	430473042700S1
CIGE 009	36-9-22 NWSE	ML22650	891008900A	430473041900S1 ✓
CIGE 010	2-10-22 NWSE	ML22651	891008900A	430473042500S1
CIGE 011	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1
CIGE 011GR	14-9-20 SWSE	UTU0577A	891008900A	430473042400S1
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473042000S1
CIGE 014	9-10-22 NESW	UTU01196B	891008900A	430473048400S1
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473047100S1 ✓
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473045900S1
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473048500S1
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473049700S1
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473033300S1 ✓
CIGE 024	29-9-22 SESW	U01207	891008900A	430473049300S1
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073700S1
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073800S1
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473073900S1 ✓
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473049800S1
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473051100S1
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049600S1
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1 ✓
CIGE 037D	21-9-21 SWSE	UTU0576	891008900A	430473091000S1
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473049500S1
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473074000S1
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049200S1 ✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473049100S1 ✓
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052700S1
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052800S1
CIGE 046	21-9-21 NENE	UTU0576	891008900A	430473052900S1
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473051000S1
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473050600S1
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473088900S1 ✓
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053100S1
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473053300S1
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473085100S1 ✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473051200S1 ✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473053000S1 ✓
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473054300S1
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473053200S1
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473054900S1
CIGE 061	13-9-21 SENW	U01193	891008900A	430473055000S1
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473088500S1 ✓
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473094900S1
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473095000S1
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473054200S1
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473093800S1
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473095100S1
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063500S1
CIGE 070	20-9-21 NESE	UTU0575	891008900A	430473063600S1
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063700S1
CIGE 072	18-9-21 SWNE	UTU0575	891008900A	430473063400S1
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095200S1
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095300S1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

## SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

## 3a. Address

P.O. BOX 1148 VERNAL, UT 84078

## 3b. Phone No. (include area code)

(435) 781-

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

## 5. Lease Serial No.

Multiple Wells - see attached

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

891008900A

## 8. Well Name and No.

Multiple Wells - see attached

## 9. API Well No.

Multiple Wells - see attached

## 10. Field and Pool, or Exploratory Area

Natural Buttes Unit

## 11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Operations Manager

SEP 10 2003

DIV. OF OIL, GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Federal Approval of This  
Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
<b>Total \$</b>		<b>\$1,200</b>

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

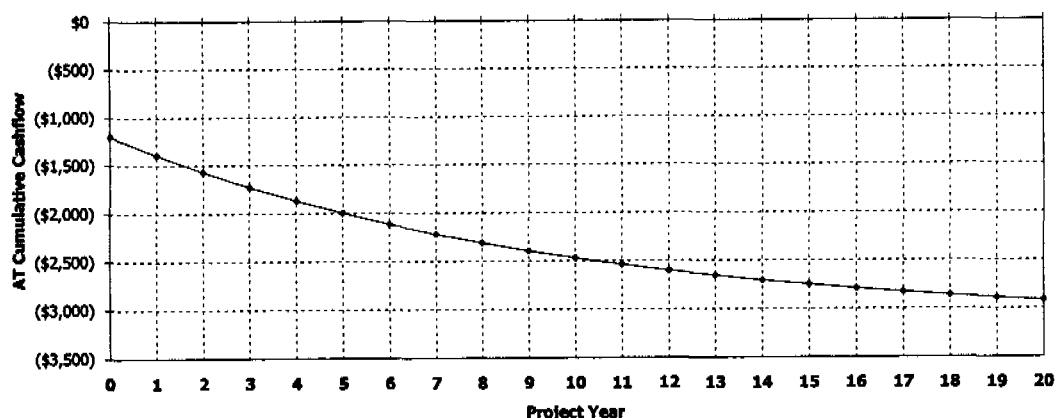
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NEU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 6 ops of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

<b>FROM: (Old Operator):</b> N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO: ( New Operator):</b> N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

CA No.		Unit:		NATURAL BUTTES UNIT		
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on:
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (Include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

*Brad Laney*

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P.	:	
1999 Broadway, Suite 3700	:	Oil & Gas
Denver, CO 80202	:	

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																													
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01791																													
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																													
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES																													
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 7																													
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0805 FNL 1434 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 08 Township: 10.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047303580000																													
<b>5. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																													
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<b>STATE:</b> UTAH		<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  The operator requests authorization to plug and abandon the subject well location. Attached is the plug and abandonment procedure. Thank you.																													
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/29/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input checked="" type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<div style="text-align: right;"> <b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b>   <b>Date:</b> July 12, 2012  <b>By:</b> <u>Derek Quist</u> </div>																															
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst																													
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/29/2012																														

CIGE 7-8-10-21  
 1434 FWL & 805 FNL  
 SEC. 8, T10S, R21E  
 Uintah County, UT

KBE: 5107'  
 GLE: 5095'  
 TD: 6400'  
 PBD: 6178'

API NUMBER: 4304730358  
 LEASE NUMBER: U-01791

CASING : 12 1/4" hole  
 9.625" 36# K55 @ 205'GL

7.875" hole  
 4.5" 11.6# N80 @ 6399'  
 TOC @ ~104 per CBL

PERFORATIONS: Wasatch 4821' – 6191'

TUBING: 2 3/8" J55 4.7# @ 5715' (from slickline report 2/07)

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
<b>Annular Capacities</b>						
2.375" tbg. X 4 1/2" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.227	0.2977	0.053
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

#### GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	1458'
Bird's Nest	1664'
Mahogany	2162'
Base of Parachute	3023'
Wasatch	4702'

#### Tech. Pub. #92 Base of USDW's

USDW Elevation ~0' MSL  
 USDW Depth ~5107' KBE

**CIGE 7-8-10-21 PLUG & ABANDONMENT PROCEDURE**

**GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

**PROCEDURE**

**Note: An estimated 246 sx Class "G" cement needed for procedure**

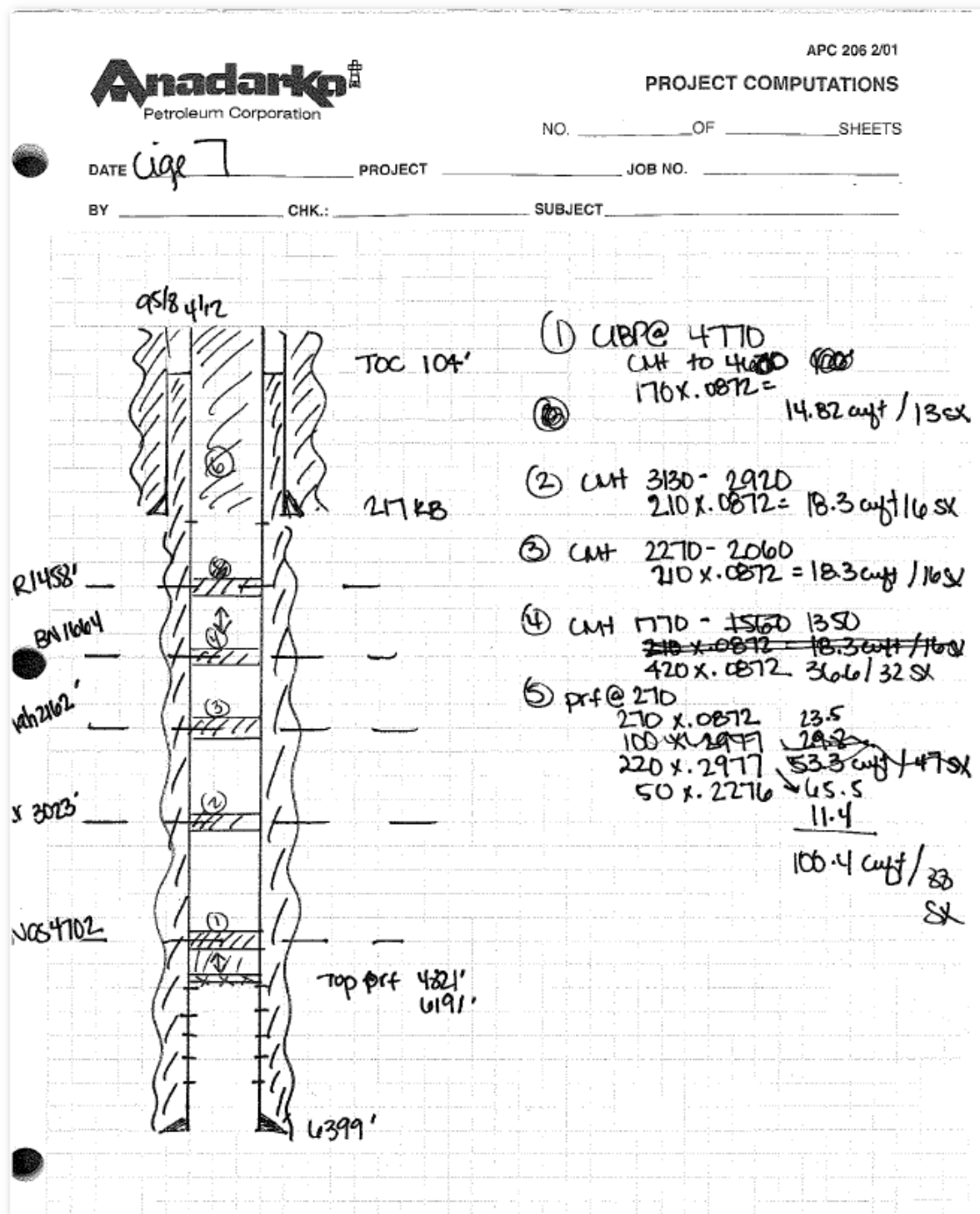
**Note: Gyro has not been run on this well.**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. RU WIRELINE & GYRO SURVEY.
4. **PLUG #1, ISOLATE WAS PERFORATIONS (4821' - 6191') & PROTECT TOP OF WASATCH (4702'):** RIH W/ 4 1/2" CIBP. SET @ ~4770'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **13 SX / 2.6 BBL / 14.8 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~4600'). REVERSE CIRCULATE W/ TREATED WATER.
5. **PLUG #2, PROTECT BASE OF PARACHUTE MEMBER (~3023'):** PUH TO ~3130'. BRK CIRC W/ FRESH WATER. DISPLACE **16 SX / 3.3 BBL / 18.3 CUFT.** AND BALANCE PLUG W/ TOC @ ~2920' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
6. **PLUG #3, PROTECT TOP OF MAHOGANY (2162'):** PUH TO ~2270'. BRK CIRC W/ FRESH WATER. DISPLACE **16 SX / 3.3 BBL / 18.3 CUFT.** AND BALANCE PLUG W/ TOC @ ~2060' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER.
7. **PLUG #5, PROTECT TOP OF BIRD'S NEST (~1664') & TOP OF GREEN RIVER (1458'):** PUH TO ~1770'. BRK CIRC W/ FRESH WATER. DISPLACE **32 SX / 6.5 BBL / 36.6 CUFT.** AND BALANCE PLUG W/ TOC @ ~1350' (420' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ EATED WATER.
8. **PLUG #6, PROTECT SURFACE CSG SHOE (217' KB) & FILL SURFACE HOLE: NOTE:** CEMENT MAY NOT BE GOOD QUALITY AT SHOE, SO THIS STEP IS ATTEMPTING TO PLACE SUFFICIENT CEMENT BEHIND PIPE, CEMENT CALCULATION ASSUMES NO CMT BEHIND PIPE. MUCH LESS CEMENT MAY BE NEEDED TO TO FILL ANNULUS AND PIPE TO SURFACE DEPENDING ON CONDITIONS ENCOUNTERED DURING PLUGGING OPERATIONS.  
  
POOH. RIH W/ WIRELINE, PERFORATE @ 270' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **88 SX / 17.9 BBL / 100.4 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
9. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.



10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 4/24/12



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01791
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> CIGE 7
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0805 FNL 1434 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 08 Township: 10.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047303580000
<b>PHONE NUMBER:</b> 720 929-6514		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/2/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the plug and abandonment operations on the subject well location on 8/2/2012. Please see the attached chronological well history for details and updated latitude and longitude locations. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> August 16, 2012		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/15/2012	

US ROCKIES REGION  
Operation Summary Report

Well: CIGE 7				Spud Date:					
Project: UTAH-UINTAH				Site: CIGE 7				Rig Name No: MILES 2/2	
Event: ABANDONMENT				Start Date: 7/30/2012				End Date: 8/2/2012	
Active Datum: RKB @0.00usft (above Mean Sea Level)				UWI: CIGE 7					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation	
7/30/2012	7:30 - 7:30	0.00	ABANDP	31		P		LEAVE VERNAL YARD, TRAVEL TO CIGE LOC, MIRU, WELL HEAD BOLTS FROZE, CALL GAMERON FOR STUD CUTTER ON WH IN AM, SDFN	
	17:43 - 7:30		ABANDP	48		P		MOVING	
7/31/2012	7:00 - 7:30	0.50	ABANDP	48		P		SCAN TBG	
	7:30 - 15:30	8.00	ABANDP	45		P		RU CAMERON, CUT STUDS OFF WH SPOOL, NDWH, NU BOP'S, RU PRS, SCAN TBG OOH,RD PRS, RU MULTI-SHOT, RUN GYRO. RD MULTI-SHOT, SWIFN	
8/1/2012	7:00 - 7:30	0.50	ABANDP	48		P		WIRELINING	
	7:30 - 15:00	7.50	ABANDP	34		P		SICP 100#, RU CUTTERS, PU GAUGE RING, TIH TO 4790', POOH, PU C 4 1/2" CIBP, TIH TO 4765', SET CIBP, POOH, RD CUTTERS, TIH WITH 157 JTS TBG, EOT 4755', BREAK CIRC, ROLL CSG CLEAN, TEST 500#, 5 MIN,SWIFN	
8/2/2012	7:00 - 7:30	0.50	ABANDP	48		P		CEMENTING	

US ROCKIES REGION  
Operation Summary Report

Well: CIGE 7			Spud Date:		
Project: UTAH-UINTAH		Site: CIGE 7		Rig Name No: MILES 2/2	
Event: ABANDONMENT		Start Date: 7/30/2012		End Date: 8/2/2012	
Active Datum: RKB @0.00usft (above Mean Sea Level)		UWI: CIGE 7			

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:30 - 15:00	7.50	ABANDP	51		P		<p>RU PRO PETRO, SET 4 CEMENT PLUGS, ALL CEMENT IS CLASS G, YIELD 1.145, DENISTY 15.8#, 4.9 GW/SX PLUG# 1 CIBP 4765'</p> <p>PLUG # 2 4555' TOP 4567' PUMP 2.6 BBLS FRESH, 15 SX, 3 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 16.7 BBLS TREATED T-MAC.</p> <p>PLUG# 3 3157' TOP 2893 PUMP 2.6 BBLS FRESH, 20 SX, 4.1 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 16.2 BBLS TREATED T-MAC.</p> <p>PLUG# 4 2294' TOP 2030' PUMP 2.6 BBLS FRESH, 20 SX, 4.1 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 6.9 BBLS TREATED T-MAC.</p> <p>PLUG# 5 1787' TOP 1324' PUMP 2.6 BBLS FRESH, 35 SX, 7 BBLS CEMENT, DISPLACE WITH 1 BBL FRESH, 4.1 BBLS TREATED T-MAC.</p> <p>PLUG# 6 CEMENT SURFACE &amp; 4 1/2" CSG TO SURFACE</p> <p>RU CUTTERS, PERF 265', PU TO 1000#, NO CIRC, PERF 195', PU TO 1000#, NO CIRC, RD CUTTERS, TIH TO 300', CIRC CEMENT TO SURFACE DWN TBG, UP 4 1/2" CSG, POOH, ND, RD, DIG OUT WH, CUT OFF WH,TOP</p> <p>N 39.96765 W 109.57976 ELEV 5098'</p> <p>OFF 9 5/8" CSG- 4 1/2" CSG, WELD PLATE ON CSG, BACK FILL HOLE, RDMO</p>